

Index to Spring, Summer, Fall Winter and Supplement Issues of Volume 61 (1997)

INDEX TO AUTHORS

AACP Staff, Roster of the Voting Delegates at the 98th Annual Meeting, 74S
 Aiache, J.-M., Teaching New Areas at the University or Not, 199;
 Alsharif, N.Z., Structurally-Based Therapeutic Evaluation: A Therapeutic and Practice Approach to Teaching Medicinal Chemistry, 55;
 Anderson, W., Chair Report for the Research and Graduate Affairs Committee, 21S;
 Armstrong, E.P., *see* Erstad, B.L., 87;
 Assa, M., Development of an Undergraduate Course in Gender Issues in Health Care, 379;
 Avila, J.A., *see* Harris, M.F., 1;

Barnett, C.W., Student Evaluation of Classroom Teaching: A Study of Pharmacy Faculty Attitudes and Effects on Instructional Practices, 34S;
 Basile, C., *see* Lemke, T.L., 351;
 Beck, D.E., *see* Thomas, S.G., 12S;
 Berger, B.A.,
 The Dyadic Effect of Communication Apprehension: Theoretical and Pedagogical Implications, 23S;
 The Upcoming Year, 45S;
 Beyssac, E., *see* Aiache, J.-M., 199;
 Blank, J.W., *see* Richards, W., 26;
 Blankenship, J.W., Marvin M. Malone, 327;
 Blumenschein, K., Prescription Drug Diversion: Fraudulent Tactics Utilized in the Community Pharmacy, 184;
 Boh, L., *see* Duerst, B., 371;
 Bolger, M.B.,
 PharmLabTM: A Computer Program for the Calculation and Visualization of Drug Degradation pH Rate Profiles, 281;
 See Haworth, I.S., 97;
 Boni, R.L., *see* Harris, M.F., 1;
 Brandt, B.F., *see* Gora-Harper, M.L., 296;
 Brazeau, G.A., *see* Woodward, J.M.B., 31S;
 Briceland, L.L., Assessment of Factors which Influence PharmD Clerkship Grades, 157;
 Bricker, D., *see* Harris, M.F., 1;
 Broedel-Zaugg, K., Factors Utilized by Pharmacy Faculty in Selecting their first Academic Position, 384;
 Brouwer, K.L.R., *see* Moore, K.H.P., 310;
 Burke, J.M., *see* Prosser, T.R., 136;

Cady, P.A., *see* Culbertson, V.L., 12;
 Callahan, J., *see* Erstad, B.L., 87;
 Calligaro, I.L.S.,
 Chair Report for the Council of Faculties, 28S;
 Experiential Education: Time to Implement Change, 32S;
 What's New in the Council of Faculties, 10S;
 Campbell, W.H., *see* Joyner, P.U., 292;
 Cantrell, M., *see* Monaghan, M.S., 131;
 Carter, B.L., Chair Report for the Academic Sections Coordinating Committee, 29S;

Chalmers, R.K., *see* Purkerson, D.A., 241;
 Charupatanapong, N., Pharmacists Providing Pharmaceutical Care, 148;
 Chau, R.I., *see* Ramanathan, M., 141;
 Chewing, B., Patient Involvement in Pharmaceutical Care: A Conceptual Framework, 394;
 Chisholm, M.A.,
 Development of an Instrument to Measure Student Attitudes Concerning Pharmaceutical Care, 374;
 Prior Four-Year College Degree and Academic Performance of First-Year Pharmacy Students: A Three Year Study, 277;
 Student Exposure to Actual Patients in the Classroom, 364;
 Cobb, H.H. III, *see* Chisholm, M.A., 277;
 Cocolas, G.H.,
 Meet the President: Hugh F. Kabat, 223;
 Report of the Journal Editor, 25S;
 Use of the Gordon Personal Profile-Inventory of Pharmacists and Pharmacy Students, 257;
 Consroe, P.F., *see* Herrier, R.N., 441;
 Coughlan, J.W., Report of the Independent Auditor, 40S;
 Culbertson, V.L.,
 A Conceptual Framework for Defining Pharmaceutical Care, 12;
 Problem-Based Learning: A Tutorial Model Incorporating Pharmaceutical Diagnosis, 18;

Dennis, B.H., *see* Joyner, P.U., 292;
 Draugalis, J.R., Administrative Career Planning: A Five-Year Update of the Pharmacy Deanship, 4S;
 Duerst, B., Fostering Interdisciplinary Education for Pharmacy Students in a Rural Health Care Setting, 371;
 Dyer, S., *see* Fielding, D.W., 117;

Early, J.L. II,
 Minutes of the Council of Deans Business Meeting:
 March 3, 1997, Washington, DC, 54S;
 July 16, 1997, Indianapolis, IN, 57S;
 Elvers, L., *see* Duerst, B., 371;
 Erhardt, P.W., Chemotherapeutic Agents. Lecture 1, 192;
 Eriksen, S.P., *see* Haworth, I.S., 97;
 Erstad, B.L., Evaluation of Practice Site Learning Experience Program for Entry-Level Doctor of Pharmacy Students, 87;

Ferrill, M.J.,
 Drug Information to Biomedical Informatics: A Three-Tier Approach to Building a University System for the Twenty-first Century, 81;
 See Fung, S.M., 166;
 Fielding, D.W., Publication of Objective Structured Clinical Examinations in an Assessment of Pharmacists, 117;
 Force, R.W., *see* Culbertson, V.L., 12;
 Francisco, G.E. Jr., *see* Chisholm, M.A., 364;

Fung, S.M., Promoting Professionalism Through Mentoring via the Internet, 166;

Gardner, S.F.,

See Monaghan, M.S., 131;

See Monaghan, M.S., 337;

Gauthier, P., *see* Aiache, J.-M., 199;

Geukink, E., *see* Duerst, B. 371;

Gora-Harper, M.L., Educational Design to Teach Drug Information Across the Curriculum, 296;

Grady, A.R.,

See Monaghan, M.S., 266;

See Monaghan, M.S., 337;

Grussing, P.G., Students Perceived Satisfaction with and Utility of Pharmacy Communications Course Work, 271;

Gudici, R.A., *see* Harris, M.F., 1;

Hamilton, R.A., *see* Briceland, L.L., 157;

Hanson, J., *see* Duerst, B. 371;

Hanson-Divers, E.C., *see* Cocolas, G.H., 257;

Harris, M.F., Development and Implementation of Critical Thinking Assignments Throughout a Pharmacy Curriculum, 1;

Harrison, D.L., *see* Draugalis, J.R., 45;

Harrold, M.W.,

Preparing Students for Future Therapies: The Development of Novel Agents to Control the Renin-Angiotensin System, 173;

See Harris, M.F., 1

Haworth, I.S.,

See Bolger, M.B., 281;

Use of Computer-Based Studies in a Problem-Solving Curriculum, 97;

Henderson, M.L., *see* Broedel-Zaugg, K., 61 384;

Herrier, R.N., Use of Student-Centered, Problem-Based, Clinical Discussions to Enhance Learning in Pharmacology and Medicinal Chemistry, 441;

Hoag, S.G., Chair Report for the Bylaws and Policy Development Committee, 14S;

Hobson, E.H. *see* Prosser, T.R., 136;

Holden, R.W., Interprofessional Education: Our Common Destiny, 430;

Holdford, D., Testing Commitment-Trust theory in Relationships Between Pharmacy Schools and Students, 249;

Hunter, K.A., Poster Presentations: An Alternative to the Traditional Classroom Lecture, 78;

Jackson, T.R., *see* Herrier, R.N., 441;

Janer, A., *see* Thomas, S.G., 125;

Jansson, S.-O., The Industrial Point of View: Competence Development in Pharmaceutical Industry, 202;

Jarvi, E.J., *see* Culbertson, V.L., 18;

Jones, R.M., *see* Monaghan, M.S., 266;

Joyner, P.U.,

A Needs Assessment for an External Doctor of Pharmacy Degree Program, 292;

See Moore, K.H.P., 310;

Jungnickel, P.W., Scholarly Performance and Related Variables: A Comparison of Pharmacy Practice Faculty and Department Chairpersons, 34;

Junoven, R.O., A Convenient Laboratory Experiment for Teaching the Fundamentals of Drug Metabolism, 314;

Kabat, H.F.,

Choose to Make a Difference, 454;

Excellence is a Habit Rather Than an Act, 323;

Pharmaceutical Education's Global Village, 426;

Kale, M.,

See Culbertson, V.L., 12;

See Culbertson, V.L., 18;

Keller, J., *see* Erstad, B.L., 87;

Kibat, P.G., What Do Pharmaceutical Industries Expect from Universities, 203;

Knoll, R., *see* Monaghan, M.S., 131;

Koda-Kimble, M.A., Chair Report for the Finance Committee, 15S;

Kotzan, J.A., *see* Chisholm, M.A., 277;

Kristensen, H.G., Teaching of Industrial Pharmacists, 197;

Larson, R.A., *see* Culbertson, V.L., 12;

Lautenschlager, G., *see* Chisholm, M.A., 277;

Laux, R., *see* Poirier, T.I., 306;

Leader, W.G., *see* Woodward, J.M.B., 39S;

Lemke, T.L.,

An Odyssey into Cooperative Learning, 61 351;

Chair Report for the Academic Affairs Committee, 11S;

See Barnett, 345;

Lipowski, E.E., Introducing Theories of Patient-Focused Care in Pharmaceutical Education, 410;

Livengood, B.H., *see* Schlicht, J.R., 287;

Martin, B., *see* Chisholm, M.A., 374;

Mason, H.L., *see* Woodward, J.M.B., 39S;

Matthews, J.C., Intermeshing Passive and Active Learning Strategies in Teaching Biochemistry, 388;

McCall, C.Y., *see* Chisholm, M.A., 364;

McCormack, J.R., *see* Monaghan, M.S., 266;

McKay, A.B., *see* Monaghan, M.S., 337;

Mehvar, R., Computer-Assisted Generation and Grading of Pharmacokinetics Assignments in a Problem-Solving Course, 436;

Meyer, S.M., The Pharmacy Student Population: Applications Received 1995-96, Degrees Conferred 1995-96, Fall 1996 Enrollments, 63S;

Monaghan, M.S.,

Standardized Patients: An Ability-Based Outcomes Assessment for the Evaluation of Clinical Skills

in Traditional and Nontraditional Education, 337;

Student Attitudes Toward the Use of Standardized Patients in a Communications Course, 131;

Using Standardized Patients to Teach Physical Assessment Skills to Pharmacists, 266;

Matuszak, A.J., *see* Blankenship, J.W., 327;

Moody, K.G., *see* Fielding, D.W., 117;

Moore, K.H.P., Lessons Gained from Distance Delivery of an Applied Pharmacokinetics Course, 310;

Mott, D.A., Economic Issues of Pharmaceutical Care: The Patient's Perspective, 407;

Murphy, J.E., Faculty Attitudes Toward Required Evaluative Projects for Doctor of Pharmacy Candidates, 74;

Murray, W.J., *see* Miller, L.G., 161;

Nona, D.A., The American Council on Pharmaceutical Education: Annual Report 1996-1997, 34S;

Norton, L.L.,

See Ferrill, M.J., 81;

See Fung, S.M., 166;

O'Byrne, C.C., *see* Fielding, D.W., 117;
Ohvall, R.A., *see* Broedel-Zaugg, K., 61 384;
Osborne, D., *see* Wu-Pong, S., 61;

Page, G.G., *see* Fielding, D.W., 117;
Parkhurst, C., A Writing Proficiency Examination for Pharmacy Students, 163;
Pasanen, M., *see* Junoven, R.O., 314;
Penna, R.P.,
 Leadership and Complex Issues, 322;
 Minutes of the AACP Board of Directors Meeting:
 February 26-27, 1997, Washington, DC, 45S;
 July 10-11, 1997, Indianapolis, IN, 47S;
 October 25-26, 1997, Washington, DC, 50S;
 Minutes of the House of Delegates Sessions and Awards
 Banquet: July 15-18, 1996, Reno, NV, 53S;
 Nurturing the Pharmaceutical Sciences, 453;
 Report of the Executive Director: A Theme of Progress, 1S;
 What Makes Pharmacists Different?, 103;
Pennanen, S., *see* Junoven, R.O., 314;
Pittman, A.W., *see* Joyner, P.U., 292;
Poirier, S.,
 Active Involvement of Students in the American Health Care
 System, 91;
 See Chisholm, M.A., 364;
Poirier, T.L., Redesign of a Drug Information Resources Course: Re-
sponding to the Needs of Nontraditional PharmD Students, 306;
Popovich, N.G.,
 Chair Report for the Professional Affairs Committee, 18S;
 See Purkerson, D.A., 241;
 "Take Time," 432;
Prosser, T.R., Teaching Pharmacy Students to Write in the Medi-
cal Record, 136;

Ramanathan, M., Integration of Internet-Based Technologies as
Learning Tools in a Pharmaceutical Calculations Course, 141;
Randall, J., *see* Monaghan, M.S., 266;
Reinhardt, G.L., *see* Monaghan, M.S., 131;
Reisetter, B.C., *see* Grussing, P.G., 271;
Reunitz, P.C., Promoting In-Class Student Involvement in Medi-
cinal Chemistry, 302;
Richards, W., Needs Analysis of Practicing Pharmacists in Drug
Utilization Review and Patient Counseling, 26;
Roberts, K.B., Raising the Bar, 455;
Roche, V.F.,
 Computerized Medicinal Chemistry Case Studies, 447;
 See Alsharif, N.Z., 55;
Rogers, W.T., *see* Fielding, D.W., 117;
Rosowski, P., *see* Duerst, B., 371;
Rubin, R.H., Improving Pharmacist-Physician Communication:
Report of a Pilot Workshop, 359;
Rutledge, C.O.,
 Principles and Observations on Pharmaceutical Education,
 424;
 The Delicate Art of Advancing Both Personal and Institu-
 tional Goals, 221;
 The Wonders of Science—A Student Exercise, 104;

Schlicht, J.R., Development of Multimedia Computer Applica-
tions for Clinical Pharmacy Training, 287;
Schneider, E.F.,
 See Monaghan, M.S., 266;
 See Monaghan, M.S., 337;
Schommer, J.C., Patients' Expectations and Knowledge of Patient
counseling Services that Are Available from Pharmacists,
402;
Schulzer, M., *see* Fielding, D.W., 117;
Scott, S.A., *see* Purkerson, D.A., 241;
Sleath, B., *see* Cocolas, G.H., 257;
Soltis, R.P., Pharmacology of Parkinsonian Agents, 179;
Sprague, J.E., A Method of Teaching the Pharmacology of ACE
Inhibitors for the Treatment of Hypertension, 170;
Spratto, G.R.,
 Chair Report of the Council of Deans, 26S;
 Message from the Chair, 222;
 The AACP Institute on Teaching, 324;
Straubinger, R.M., *see* Ramanathan, M., 141;
Supernaw, R.B., *see* Fung, S.M., 166;
Sylvester, R.K., Incorporation of Internet Databases into
Pharmacotherapy Coursework, 50;

Talluto, B.A., *see* Zgarrick, D.P., 66;
Tebbett, I.R., Clinical Relevance of Physical Chemistry, 188;
Theesen, K.A., *see* Alsharif, N.Z., 55;
Thomas, S.G., Effect of a Continuous Community Pharmacy
Practice Experience on Student Attitudes, Motivation, and
Communication Skills, 125;
Trinh, V.T., *see* Charupatanapong, N., 148;
Triggle, D.J., The Future Ain't What It Used to Be, or The
University as the Donner Party, 207;

Van Tyle, J.H.,
 Minutes of the Council of Faculties Business Meeting,
 March 3, 1997, Washington, DC, 59S;
 July 16, 1997, 60S;
Vanderbush, R.E., *see* Monaghan, M.S., 131;
Vessman, J., *see* Jansson, S.-O., 202;
Villaume, W.A., *see* Berger, B.A., 235;

White, S., *see* Holdford, 249;
Wiederholt, J.B., The Patient: Our Teacher and Friend, 415
Wiederholt, P.A., *see* Wiederholt, J.B., 415;
Windridge, G., *see* Wu-Pong, S., 61;
Woodward, J.M.B., Chair Report of the Task Force on Profes-
sional Socialization, 31S;
Wu, W., *see* Harris, M.F., 1;
Wu-Pong, S., Evaluation of Pharmacy School Applicants Whose
First Language is Not English, 61;

Zgarrick, D.P., Development of a Community Pharmacy Manage-
ment Elective Rotation, 66;
Zito, S.W., *see* Roche, V.F., 447.

INDEX TO SUBJECTS AND TITLES

AACP (The) Institute on Teaching, G.R. Spratto, 324;
ACPE

The American Council on Pharmaceutical Education: Annual Report 1996-1997, D.A. Nona, 34S;

Abstracts

98th AACP Annual Meeting Abstracts: July 12-15, 1997, Indianapolis, IN, 75S;

AACP Interim Meeting Poster Session Abstracts, March 2-3, 1997, 217;

Academic Affairs

Chair Report for the Academic Affairs Committee, T.L. Lemke, 11S;

Academic Performance

Prior Four-Year College Degree and Academic Performance of First-Year Pharmacy Students: A Three Year Study, M.A. Chisholm, H.H. Cobb III, J.A. Kotzan and G. Lautenschlager, 277;

Academic Sections Coordinating

Chair Report for the Academic Sections Coordinating Committee, B.L. Carter, 29S;

Active Involvement of Students in the American Health Care System, S. Poirier, 91;

Administrative, Population Based Pharmaceutical Care Advanced Practice Experience, Z.T. Grapes and L. Waint, 94S;

Admissions

Evaluating Applicants: Revised Criteria for Pharmacy Admissions, C. Metge and C.J. Briggs, University of Manitoba, 108S;

Use of the Gordon Personal Profile-Inventory of Pharmacists and Pharmacy Students, G.H. Cocolas, B. Sleath and E.C. Hanson-Divers, 257;

Advanced Clinical Pharmacokinetics Virtual-Recitation: A Web Based Approach to Active Learning, D. K. Woodward, 89S;

Alternative Medicine

Course in Alternative Medicine: Integrating Interdisciplinary Practices and Resources, J. Riedlinger, A. Quiñones and E. Moyer, 86S;

The Pharmacist's Role in Alternative Medicine: Description of an elective Course, P.A. Miederhoff and S.S. Wright, 108S;

Alumni

Involvement of Recent Alumni in Pharmacy Education, J.E. Szilagyi, 108S;

Application of Problem-Based Approach to Enhance Student Learning of Drug Nomenclature Rules in Medicinal Chemistry Course, V.L. Korlipara, 76S;

Applications

The Pharmacy Student Population: Applications Received 1995-96, Degrees Conferred 1995-96, Fall 1996 Enrollments, S.M. Meyer, 63S;

Apprehension

Dyadic (The) Effect of Communication Apprehension: Theoretical and Pedagogical Implications, B.A. Berger and W.A. Villaume, 235;

Relationships Among Communication Apprehension, Willingness to Communicate, Learned Optimism and Myers-Briggs Personality Types, P. Lurvey, 94S;

Approaching the Millennium: The Report of the AACP Janus Commission, 4S;

Assessing

Assessing and Enhancing Pharmacy Students' Familiarity and Comfort with the Internet, K.K. Janke and K.L. Wilbur, 101S;

Assessing Resource Center Services Through Faculty and Student Involvement, N.J. Frick, R.B. Sause and T.H. Wiser, 77S;

Assessing Student Learning: Competence Standards, P. Chase, H. Rosenberg and R. Coffman, 104S;

Assessment

Assessment of Classroom Lecture Supplementation via the Internet., J.B. Groce, V.P. Howard and L.N. Swanson, 87S;

Assessment of Critical Thinking in a Drug Literature Evaluation Class, D.R. Miller, 84S;

Assessment of Factors which Influence PharmD Clerkship Grades, L.L. Briceland and R.A. Hamilton, 157;

Assessment of Preferred Learning Styles, Work Style Profiles and Personality Types of External Students, P.U. Joyner, D.C. Harbour and A.W. Pittman, 77S;

Assessment of Problem Solving Skills and Knowledge Imparted by a Patient Case-Formatted Course in Clinical Toxicology, K.A. Linowiecki, 86S;

Assessment of Student Academic Performance in an Advanced Level Pharmacokinetics Course Taught by Three Methods of Instructional Delivery, W.E. Wade, W.J. Spruill, H.H. Cobb, III, M.A. Chisholm and G.E. Francisco, 92S;

Assessment of Student Evaluation of Faculty in an Advanced Level Pharmacokinetics Course Taught by Three Methods of Instructional Delivery, W.E. Wade, W.J. Spruill, H.H. Cobb, III, M.A. Chisholm and G.E. Francisco, 92S;

Assessment (An) of the Learning Styles of Pharmacy Students Enrolled in the New Curriculum of The University of Georgia College of Pharmacy, S. Poirier, G.E. Francisco and S. Burgess, 104S;

Expansion of Ability-Based Education Using an Assessment Center Approach with Pharmacists as Assessors, D.L. Purkerson, H.L. Mason, R.K. Chalmers, N.G. Popovich and S.A. Scott, 241;

Journaling: A Method of Student Self-Assessment and Communication, S.J. Reitz and J.R. Matsuyama, 90S;

Psychometric (A) Assessment of a Personality Inventory Designed to Select Caring and Empathic Students for Pharmacy School Admission, S.S. Wright and P.A. Miederhoff, 95S;

Attitudes

Attitudes of First-Year Pharmacy Students Toward HIV/AIDS Patients Before and After a Patient Intervention Program, M.A. Chisholm and J.-F. Ricci, 91S;

Development of an Instrument to Measure Student Attitudes Concerning Pharmaceutical Care, M.A. Chisholm and B.C. Martin, 374;

Pharmacists' Attitudes and Emotional Reactions Toward Mentally Handicapped Patients: Implications for Providing Pharmaceutical Care, N. Charupatanapong and V.T. Trinh, 148;

Students' Attitudes Toward Pharmacist Participation in Clinical Research, S.P. Deseselle, M.K. Bazil, J.M.K. Cheng and S. Feifer, 97S;

Auburn

The Auburn Pharm.D. Curriculum: Description, Year 1 Implementation and Vision, D.E. Beck, R.L. Evans, H. Anderson-Harper and R. Smith, 103S;

Auditor

Report of the Independent Auditor, J.W. Coughlan, 41S;

Awards

Grants and Awards, 108, 224, 327, 457;

Basic Science

A New Approach to Teaching Basic Science Courses: Biochemistry and Molecular Biology in the Block System of Curriculum Design, R. Coffman, M. Jafari-Fesharaki, S. Prabhu, H. Rosenberg and K. Tallian, 88S;

Behaviors

A Student-Driven Critical Incident Analysis of Communication

tion Behaviors in Pharmacy Sites, E.R. Cohn, G. Stoehr, D. Egolf, J. Gareis and M. Piantanida, 98S;

Biochemistry
Intermeshing Passive and Active Learning Strategies in Teaching Biochemistry, J.C. Matthews, 388;

Biomedicine
Making Choices about Alternatives to Biomedicine: A Curriculum Guide, D. Dolinsky and M.F. McManus, 95S;

Board of Directors Meeting Minutes
February 26-27, 1997, Washington, DC, R.P. Penna, 45S;
July 10-11, 1997, Indianapolis, IN, R.P. Penna, 47S;
October 24-25, 1997, Washington, DC, R.P. Penna, 52S;

Book Reviews, 111, 227, 332, 461;

Books Reviewed
Avery's Drug Treatment, 4th Edition, 335;
Burger's Medicinal Chemistry and Drug Discovery, Vol. 4: Therapeutic Agents, 5th Edition, 463;
Calcium and Phosphorus in Health and Disease, 114;
Cancer Therapeutics: Experimental and Clinical Agents, 230;
Caring for Depression, 231;
Clinical Studies in Medical Biochemistry, 2nd Edition, 333;
Contested Ground: Public Purpose and Private Interest in the Regulation of Prescription Drugs, 111;
Cytochromes P450—Structure, Function and Mechanism, 333;
Drug Information—A Guide for Pharmacists, 227;
Drug Prototypes and Their Exploitation, 228;
Drug Use in Assisted Suicide and Euthanasia, 111;
Drug-Impaired Professionals, 465;
Flow Injection Analysis of Pharmaceuticals—Automation in the Laboratory, 463;
Health Outcomes and Pharmaceutical Care: Measurement, Applications and Initiative, 229;
Inhalation Aerosols: Physical and Biological Basis for Therapy, 227;
Liquid and Surface-Borne Particle Measurement Handbook, 228;
Managing Drug Supply, 461;
Mechanisms of Transdermal Drug Delivery, 464;
Microbial Quality Assurance in Cosmetics, Toiletries and Non-Sterile Pharmaceuticals, 2nd Edition, 114;
Microparticulate Systems for the Delivery of Proteins on Vaccines, 112;
Molecular Interventions and Local Drug Delivery, 115;
Molecular Diagnostics for the Clinical Laboratories, 228;
Neurotransmitter Transporters: Structure, Function and Regulation, 114;
Oral Mucosal Drug Delivery, 112;
PDR Generics, 2nd Edition, 229;
Pharmaceutical Statistics. Practical and Clinical Applications, 3rd Edition, 462;
Pharmaceutical Calculations, 10th Edition, 332;
Pharmaceutical Dosage Forms. Disperse Systems Vol 1, 113;
Pharmaceutical Dosage Forms. Disperse Systems Vol 2, 113;
Pharmacology—A Nursing Process Approach, 464;
Photostability of Drugs and Drug Formulations, 334;
Pocket Guide to Evaluations of Drug Interactions 1996-97, 116;
Practical Application of Computer-Aided Drug Design, 462;
Preservative-Free and Self-Preserving Cosmetics and Drugs, 230;
Selective Serotonin Re-Uptake Inhibitors, 113;
Studies in Pharmacoeconomics, 461;
The Course Syllabus: A Learning-Centered Approach, 332;
Zinc Metalloproteases in Health and Disease, 335;

Business Plans: A Tool to Teach Entrepreneurial and Communication Skills, K.W. Schafermeyer and E.H. Hobson, 87S;

Butler University Collaborative Service Learning Project with the Indianapolis Parks and Recreation Department (IPR), J. Rea, S.K. Hammerich and M.A. Vance, 100S;

Bylaws

Chair Report for the Bylaws and Policy Development Committee, S.G. Hoag, 14S;

CE

Development of a Continuing Education Program on the Internet, U. Chung, N. Syfrig, J. Loesberg and G. MacKinnon, 79S;

Problem-based Continuing Professional Education Delivered Over the Internet, G.D. Theilman and D. Anderson, 102S;

Calculations

Integration of Internet-Based Technologies as Learning Tools in a Pharmaceutical Calculations Course, M. Ramanathan, R.I. Chau and R.M. Straubinger, 141;

Cardiovascular Pharmacotherapy: An Elective Module to Enhance Critical Thinking, D.G. Zarembski and P.M. Carmichael, 93S;

Career

Ten-Year Group Analysis of Resources Used and Reasons for Entering Pharmacy School, W.B. French, S.S. Thiessen and J. Johnson, 81S;

Case Study

Case-Based Lecture versus Standard Lecture Style, L. Coulter, A. Grady, M. Granberry, K. Guerian, J. Johnson, C. Marsh, R. McCafferty, S.M. Myatt and E. Schneider, 80S;

Case (A) Course in Social and Administrative Science Topics, D.A. Holdford and N.V. Carroll, 81S;

Case-Study (The) Approach Applied to a Course in Herbal Medications, W.J. Murray and L.G. Miller, 101S;

Certificate

Distance Education in a Rural State: Assessing Change in Pharmacy Practice as a Result of a Pharmaceutical Care Certificate Program, B.D. Patterson, 102S;

Focus on Education: Lessons from a Pharmaceutical Care Certificate Program for Community Pharmacists, J.C. Barner and R.W. Bennett, 76S;

Managed Care Pharmacy: M.S. Degree and Certificate Program, P.D. Hurd, B.R. Motheral and K.W. Schafermeyer, 105S;

Medical Center Based Nuclear Pharmacy Certificate Program for Continuing Education of Pharmacists, G.H. Hinkle, 80S;

Chair Report (for the, of the)

COF Task Force on Professional Socialization, J.M.B. Woodward, 31S;

Academic Affairs Committee, T.L. Lemke, 11S;

Academic Sections Coordinating Committee, B.L. Carter, 29S;

Bylaws and Policy Development Committee, S.G. Hoag, 14S;

Council of Deans, G.R. Spratto, 26S;

Council of Faculties, I.L.S. Calligaro, 28S;

Changes

Changes in Doctor of Pharmacy Students' Attitudes Concerning Lectures Via Distance Learning in an Advanced Therapeutics Course, M.A. Chisholm, C.Y. McCall, H.H. Cobb and W.E. Wade, 90S;

Changes in Doctor of Pharmacy Students' Attitudes Concerning Lectures Via Distance Learning in a Pharmacokinetics Course, M.A. Chisholm, H.H. Cobb and W.E. Wade, 93S

Chemistry

Application of Problem-Based Approach to Enhance Student Learning of Drug Nomenclature Rules in Medicinal Chemistry Course, V.L. Korlipara, 76S;

Development of a Special Problems Course in Pharmaceutical Chemistry, S.G. Milton, 76S;

Teaching Medicinal Chemistry to Meet Pharmaceutical Care Functions, Professional Practice Skills and American

- Council of Pharmaceutical Education Standards, N.Z. Alsharif and V.F. Roche, 76S;
- Chemotherapeutic Agents. Lecture 1, P.W. Erhardt, 192;
- Clerkship**
- Assessment of Factors which Influence PharmD Clerkship Grades, L.L. Briceland and R.A. Hamilton, 157;
 - Clerkship (A) Experience in Pharmacoeconomics and Pharmacoeconomics, T.P. Christensen, 106S;
 - Clerkship Rotation At an International Drug Information Center with Emphasis on Computerized Database Retrieval for Postbaccalaureate PharmD Students., J.M. Rosenberg, H.B. Fung and S.R. Pareddy, 86S;
 - Development Of A New Clinical Clerkship Program Focusing On The Provision Of Pharmaceutical Care in Community And Hospital Settings, L. Mallet, M.-C. Binette and C. Mailhot, 90S;
 - Doctor of Pharmacy Clerkship Student Interaction with a Physician Order-entry System, B.C. Carlstedt and M.D. Murray, 78S;
 - Evaluating the Learning Opportunities in Clerkship Placements, J.T. Carter, J.R. Draugalis and M. K. Slack, 96S;
 - Introductory (An) Hospice Clerkship for Pharm.D. Students, R. Sylvester, P. Steen, L. Palmer and T. Miller, 92S;
 - Model for Clinical Clerkship Site Development in the Visiting Nurse Association, C.M. Catney, C.L., L. Fleckenstein and J.M. Scavone, 78S;
 - Pharmacy Informatics: A Nontraditional Clerkship, L. Deziel-Evans, 99S;
- Clinical**
- Clinical Relevance of Physical Chemistry, I.R. Tebbett, 188;
 - Clinical Toxicology: A Practical Patient-Oriented Approach., N.Z. Alsharif and B.J. Benson, 75S;
- Clinical Pharmacy**
- Development of Multimedia Computer Applications for Clinical Pharmacy Training, J.R. Schlicht, J. Shepard and B.H. Livengood, 287;
- Clinical Skills**
- Development of Clinical Skills for the Clerkship Environment, D.C. Robinson and J.R. Walker, 84S;
- Combined**
- A Combined Doctor of Pharmacy and Masters of Physician Assistant Studies Degree Program, M.W. McKenzie, W. Bottom and D. Brushwood, 104S;
- Committee**
- Chair Report for the Academic Affairs Committee, T.L. Lemke, 11S;
 - Chair Report for the Academic Sections Coordinating Committee, B.L. Carter, 29S;
 - Chair Report for the Bylaws and Policy Development Committee, S.G. Hoag, 14S;
 - Chair Report for the Finance Committee, M.A. Koda-Kimble, 15S;
 - Chair Report for the Professional Affairs Committee, N.G. Popovich, 18S;
 - Chair Report for the Research and Graduate Affairs Committee, W. Anderson, 21S;
 - Student Involvement on College/School of Pharmacy Committees, M.K. Bazil and H.L. Kirschenbaum, 83S;
- Communication**
- Business Plans: A Tool to Teach Entrepreneurial and Communication Skills, K.W. Schafermeyer and E.H. Hobson, 87S;
 - Communication Ain't Perfect: Instructional Strategies to Promote Effective Communication with Colleagues Concerning Pharmacy-Based Errors, E.R. Cohn and G. Stoehr, 98S;
 - Improving Pharmacist-Physician Communication: Report of a Pilot Workshop, R.H. Rubin and B.L. Sleath, 359;
 - Integrating the Student into the Communications Loop of a New School, B.W. Graham, W.P. Johnston, M.E. Bronson, H. Jacobs, A.H. Kibbe, A.Y.F. Lin, D. Maize and P.H. Stepanovich, 107S;
- New (A) Required Course in Communications: Patient Counseling and Beyond, S.P. Desselle, 94S;**
- Student Attitudes Towards the Use of Standardized Patients in a Communications Course, M.S. Monaghan, S.F. Gardner, J.K. Hastings, G.L. Reinhardt, K.R. Knoll, R.E. Vanderbush and M. Cantrell, 131;**
- Student-Driven (A) Critical Incident Analysis of Communication Behaviors in Pharmacy Sites, E.R. Cohn, G. Stoehr, D. Egolf, J. Gareis and M. Piantanida, 98S;**
- Students Perceived Satisfaction with and Utility of Pharmacy Communications Course Work, B.C. Reisetter and P.G. Grussing, 271;**
- Community**
- Community-Based Service Learning: A Qualitative Case Study, G.D. Lamsam, M. Kropff and J. Campbell, 103S;
 - Community Pharmaceutical Care Clerkship: Preceptor-Mentor-Student Approach, C.K. O'Neil, J. Kristofik and J. Astle, 90S;
 - Developing An Academic/Community Partnership To Provide Service Learning, M.E. Pitterle, B. Duerst, B. Chewing and M.C. Brown, 90S;
- Community Pharmacy**
- Development of a Community Pharmacy Management Elective Rotation, D.P. Zgarrick and B.A. Talluto, 66;
- Comparison of the Experience with Three Distance Learning Technologies at the University of Wisconsin School of Pharmacy, C. Kraus, M. Pitterle, C. Johnson and L. Boh, 108S;**
- Competence**
- Application of Objective Structured Clinical Examinations in an Assessment of Pharmacists' Continuing Competence, D.W. Fielding, G.G. Page, W. T. Rogers, C.C. O'Byrne, M. Schulzer, K.G. Moody and S. Dyer, 117;
 - Assessing Student Learning: Competence Standards, P. Chase, H. Rosenberg and R. Coffman, 104S;
 - Industrial (The) Point of View: Competence Development in Pharmaceutical Industry, S.O. Jansson and J. Vessman, 202;
 - Self-Assessment Portfolio for Clerkship Competencies, M.A. Kieser, M.E. Pitterle and B. Duerst, 90S;
 - Use of Integrated Profile Review Exercises to Assess Competency in Pharmaceutical Care Provision, T.R. Freeman, S. Jay, K. Blumenschein and P. Piascik, 99S;
- Compliance**
- Pharmacy Compliance with Arkansas Board of Pharmacy Regulation # 48: OBRA 90 Model, J. R. McCormack, G. Fowlkes, B. Allen and S. Kesterson, 94S;
- Computer**
- Computerized Medicinal Chemistry Case Studies, V.F. Roche and S.W. Zito, 447;
 - Development and Validation of a Computer-Based Test for Measuring Pharmacokinetic Dosing Abilities: A Consortium Approach, D.E. Beck, S.T. Smith and M. Job, S. Grimsley, P. Sims and P. Grussing, 102S;
 - Development of Multimedia Computer Applications for Clinical Pharmacy Training, J.R. Schlicht, J. Shepard and B.H. Livengood, 287;
 - Learning to Read and Treat Cardiac Arrhythmias with Computer Technology and Resources, L.E. Basskin, 89S;
 - PharmLabTM: A Computer Program for the Calculation and Visualization of Drug Degradation pH Rate Profiles, M.B. Bolger and I.S. Haworth, 281;
 - Use of Computer-Based Studies in a Problem-Solving Curriculum, I.S. Haworth, M.B. Bolger and S.P. Eriksen, 97;
- Computer-Assisted**
- Computer-Assisted Generation and Grading of Pharmacokinetics Assignments in a Problem-Solving Course, R. Mehvar, 436;
 - Developing Computer-Assisted Instruction to Teach Physi-

cal Examination to Doctor of Pharmacy Students, R. L. Longe, 89S;

Computerized (A) Database Approach to Enhancing Critical Thinking, R.E. Vanderbush, M.S. Monaghan, S.F. Gardner, E. Schneider and A.B. McKay, 97S;

Concept-Mapping
An Investigation of the Effects of Concept Mapping on Student Problem Solving Performance When Used as an Adjunct to Guided Design, G.D. Newton, 103S;

Conceptual (A) Framework for Defining Pharmaceutical Care, V.L. Culbertson, R.A. Larson, P.A. Cady, M. Kale and R.W. Force, 12;

Conferences
Student Leadership Conferences: A Collaborative Approach Framework for State Associations and Colleges of Pharmacy, R.J. Chesnut, R. McDonough and J. Moulton, 98S;

Convenient (A) Laboratory Experiment for Teaching the Fundamentals of Drug Metabolism, R.O. Juvonen, S. Pennanen and M. Pasanen, 314;

Council of Deans
Chair Report for the Council of Deans, G.R. Spratto, 26S;
Chairman's Section
Message from the Chair, George R. Spratto, 222;
The AACP Institute on Teaching, G.R. Spratto, 324;
Minutes of the Council of Deans Business Meeting
March 3, 1997, Washington, DC, J.L. Early II, 55S;
July 16, 1997, Indianapolis, IN, J.L. Early II, 57S;

Council of Faculties
Chair Report for the Council of Faculties, I.L.S. Calligaro, 28S;
Chairman's Section
Experiential Education: Time to Implement Change, I.L.S. Calligaro, 325;
The Upcoming Year, B.A. Berger, 456;
Minutes of the Council of Faculties Business Meeting
March 3, 1997, Washington, DC, J.H. Van Tyle, 59S;
July 16, 1997, Indianapolis, IN, J. H. Van Tyle, 60S;
Report of the COF Task Force on Professional Socialization, J.M.B. Woodward, 31S;

Counseling
Patients' Expectations and Knowledge of Patient Counseling Services that Are Available from Pharmacists, J.C. Schommer, 402;
Utilization of an Evaluation Form to Assess Patient Counseling Skills: Comparison of Peer Assessment with Instructor Assessment, M. Sidhom and D.R. Taft, 78S;

Course
Course Development for Teaching Multicultural Patient Care, G.J. Nichols, 86S;
Course in Alternative Medicine: Integrating Interdisciplinary Practices and Resources, J. Riedlinger, A. Quiñones and E. Moyer, 86S;
Development of an Undergraduate Course in Gender Issues in Health Care, M. Assa and D.H. Berardo, 379;
Development of a New Course Integrating Physical Assessment, Communications and Dispensing Skills Training, S. Reichert, C. Kengott, R. Hammond and G. Raymond, 106S;
Educating Health Care Professionals in an Abilities-Based Course, M.T. Roth, M.S. Maddux and T.D. Zlatic, 91S;
Evaluation of a Course Presented to a Remote Audience: The Method of Instructional Delivery (MOID) Evaluation Survey, F.L. Pritchard, W. M. Ozburn, G.E. Francisco and Mark R. Morton, 84S;
Evaluation of the First Semester of a "Laboratory Course at the University of Kansas," L.W. Davidow and E. Topp, 103S;
Having Wellness Become 'Facts for Life' Rather than 'Facts for Tests' for Pharmacy Students: An Elective Course in Developing a Personal Wellness Program, W.J. Murray, 101S;

Impact of a Problem-based Learning Case Studies Course on Clerkship Performance, T. Gould and S.C. Hurley, 83S;

Implementation and Evaluation of A Disease State Management Course in a Revised Curriculum: An Integration of Traditional and Case-Base Lectures, M.A. Chisholm, W.J. Spruill, R. Fedyk and G.E. Francisco, 93S;

Instructional Development: Using Preceptors to Design Human Resource Case Studies for Collaborative Learning in a Pharmacy Management Course, E.T. Robinson, J.G. Taylor, C.D. Munden, A.M. Diggs and H.M. Anderson-Harper, 82S;

Interdisciplinary (An) Approach to An Introduction to Pharmacy Practice Course, A.Y.F. Lin, B.W. Graham, W.P. Johnston, B.L. Kinney, J.M. Elmes-Crahall and P.H. Stepanovich, 85S;

Problem-Based (A) and Project Organized Elective Course in Pharmacy Ownership, J.O. Dean Jr., 103S;

Revision of a Nontraditional Pharm.D. Physical Assessment Course: A Need and a Response, J.P. Engle, N.F. Fjortoft, K. Martin and J. Colombo, 79S;

Scientific/Scholarly Writing for Publication: A Course for B.S. in Pharmacy Candidates, E.H. Makela, M.K. Stamatakis and L.A. Hill, 102S;

Student Assessment of a New Integrated Pharmacy Practice Course, L.C. Fuhrman Jr., T. Brady, W. Buff, D. Chavous and R. Schulz, 83S;

Covering All the Bases: Integrated Studies at The University of Montana, D. Freeman, T. Cochran, B. Docktor, S.H. Miller, L. Morin and T.P. Stratton, 105S;

Critical Thinking
Assessment of Critical Thinking in a Drug Literature Evaluation Class, D.R. Miller, 84S;
Computerized (A) Database Approach to Enhancing Critical Thinking, R.E. Vanderbush, M.S. Monaghan, S.F. Gardner, E. Schneider and A.B. McKay, 97S;
Development and Implementation Critical Thinking Assignments Throughout a Pharmacy Curriculum, M.F. Harris, M.W. Harrold, R.A. Giudici, R.L. Boni, W. Wu, D. Bricker and J.A. Avila, 1;

Cultivation of Student Involvement in Health Promotion and Disease Prevention Activities through an Independent Study Course, D.H. Brown, 78S;

Cultural Literacy Among Pharmacy Students: Its Role in Pharmacy Education, C.R. Phillips and R.J. Morrow, 97S;

Current Procedures Used to Evaluate Teaching in Schools of Pharmacy, C.W. Barnett and H.C. Matthews, 84S;

Curriculum
The Auburn Pharm.D. Curriculum: Description, Year 1 Implementation and Vision, D.E. Beck, R.L. Evans, H. Anderson-Harper and R. Smith, 103S;
The Development of a Multidisciplinary, Integrated Curriculum for a Doctor of Pharmacy Program, K. Besinque, P. Oppenheimer, G. Stimmel and J. Berry, 104S

Degrees
The Pharmacy Student Population: Applications Received 1995-96, Degrees Conferred 1995-96, Fall 1996 Enrollments, S.M. Meyer, 63S;

Delegates
Roster of the Voting Delegates at the 98th Annual Meeting, AACP Staff, 74S;

Delicate
Delicate (The) Art of Advancing both Personal and Institutional Goals, C.O. Rutledge, 221;

Dental
Development of a Clinical Pharmacy Elective in a Dental Treatment Planning Clinic, K.K. Janke and T.D. Sorensen, 101S;

- Pharmacy Education in a Dental Facial Pain Center, G.A. Brazeau, C.G. Widmer and H.A. Gremillion, 85S;
- Description and Evaluation of a Interprofessional Communications Education Program, P.A. Miederhoff, S.S. Wright and D. Alexander-Forti, 95S;
- Developing
- Developing A Method for Incorporating Student Self-Assessment in a Pharmaceutics Course, A. Ratka and V.J. Galizia, 78S;
 - Developing An Academic/Community Partnership To Provide Service Learning, M.E. Pitterle, B. Duerst, B. Chewning and M.C. Brown, 90S;
 - Developing Computer-Assisted Instruction to Teach Physical Examination to Doctor of Pharmacy Students, R. L. Longe, 89S;
 - Developing into a Professional: Students' Perspectives, T.S. Yang and N. Fjortoft, 83S;
- Development
- Development and Implementation Critical Thinking Assignments Throughout a Pharmacy Curriculum, M.F. Harris, M.W. Harrold, R.A. Giudici, R.L. Boni, W. Wu, D. Bricker and J.A. Avila, 1;
 - Development and Validation of a Computer-Based Test for Measuring Pharmacokinetic Dosing Abilities: A Consortium Approach, D.E. Beck, S.T. Smith and M. Job, S. Grimsley, P. Sims and P. Grussing, 102S;
 - Development of a Clinical Pharmacy Elective in a Dental Treatment Planning Clinic, K.K. Janke and T.D. Sorensen, 101S;
 - Development of a Community Pharmacy Management Elective Rotation, D.P. Zgarriick and B.A. Talluto, 66;
 - Development of a Continuing Education Program on the Internet, U. Chung, N. Syfrig, J. Loesberg and G. MacKinnon, 79S;
 - Development of a Geriatric Interdisciplinary Team Experience in an HMO Setting: A Collaborative Educational Approach to Care of the Elderly Patient, A.O. Stach-Klysh, P.L. Lurvey and J.M.B. Woodward, 92S;
 - The Development of a Multidisciplinary, Integrated Curriculum for a Doctor of Pharmacy Program, K. Besinque, P. Oppenheimer, G. Stimmel and J. Berry, 104S
 - Development of a New Clinical Clerkship Program Focusing On The Provision Of Pharmaceutical Care in Community And Hospital Settings, L. Mallet, M.-C. Binette and C. Mailhot, 90S;
 - Development of a New Course Integrating Physical Assessment, Communications and Dispensing Skills Training, S. Reichert, C. Kengott, R. Hammond and G. Raymond, 106S;
 - Development of a Pharmacy Receipt Group Project in a Pharmacy Practice Management Course, D.P. Zgarriick, 83S;
 - Development of a Special Problems Course in Pharmaceutical Chemistry, S.G. Milton, 76S;
 - Development of an all PharmD Degree with an Emphasis on Integrated Pharmaceutical Care Concepts, L.C. Fuhrman Jr., T. Brady, W. Buff and F. Sadik, 107S;
 - Development of an Instrument to Measure Student Attitudes Concerning Pharmaceutical Care, M.A. Chisholm and B.C. Martin, 374;
 - Development of an Interprofessional Clinical Pharmacology/Family Medicine Rotation, L.W. Segars, 91S;
 - Development of an Undergraduate Course in Gender Issues in Health Care, M. Assa and D.H. Berardo, 379;
 - Development of Clinical Skills for the Clerkship Environment, D.C. Robinson and J.R. Walker, 84S;
 - Development of Multimedia Computer Applications for Clinical Pharmacy Training, J.R. Schlicht, J. Shepard and B.H. Livengood, 287;
 - Development of Teaching Cases for Community-Based Pharmaceutical Care, H.P. Hagel, J.P. Rovers, W.E. Fassett, 102S;
- Diabetes
- How to Improve the Pharmacists' Role in Diabetes Care, J. Gross and M.L. Henderson, 106S;
- Disease State
- Implementation and Evaluation of A Disease State Management Course in a Revised Curriculum: An Integration of Traditional and Case-Base Lectures, M.A. Chisholm, W.J. Spruill, R. Fedyk and G.E. Francisco, 93S;
- Distance Learning
- Changes in Doctor of Pharmacy Students' Attitudes Concerning Lectures Via Distance Learning in an Advanced Pharmacokinetics Course, M.A. Chisholm, H.H. Cobb and W.E. Wade, 93S;
 - Changes in Doctor of Pharmacy Students' Attitudes Concerning Lectures Via Distance Learning in an Advanced Therapeutics Course, M.A. Chisholm, C.Y. McCall, H.H. Cobb and W.E. Wade, 90S;
 - Comparison of the Experience with Three Distance Learning Technologies at the University of Wisconsin School of Pharmacy, C. Kraus, M. Pitterle, C. Johnson and L. Boh, 108S;
 - Distance Education in a Rural State: Assessing Change in Pharmacy Practice as a Result of a Pharmaceutical Care Certificate Program, B.D. Patterson, 102S;
 - Distribution of Funds to Pharmacy Student Organizations, R. Sagraves, Q. Huynh, J. Menonparampil, H. Patel and J. Russell, 104S;
- Diversity
- A Human Diversity Program at The University of Mississippi, D.A. Frate, C.M. Wyandt and J.S. Williamson, 96S;
- Do Schools of Pharmacy Adequately Emphasize Documentation of Clinical Services? M.J. Monaghan, M.J. Monaghan and R.M. Jones, 98S;
- Doctor of Pharmacy Clerkship Student Interaction with a Physician Order-entry System, B.C. Carlstedt and M.D. Murray, 78S;
- Drug
- The Student Alcohol and Drug Program at The University of Mississippi, M.M. Murawski and J.P. Juergens, 95S;
- Drug Information
- Clerkship Rotation At an International Drug Information Center with Emphasis on Computerized Database Retrieval for Postbaccalaureate PharmD Students., J.M. Rosenberg, H.B. Fung and S.R. Pareddy, 86S;
 - Drug Information to Biomedical Informatics: A Three-Tier Approach to Building a University System for the Twenty-first Century, M.J. Ferrill and L.L. Norton, 81;
 - Educational Design to Teach Drug Information Across the Curriculum, M.L. Gora-Harper and B.F. Brandt, 296;
 - Innovative Drug Information Practical Experience, C. Tsourounis, L.A. Hytrek, J.C. Serrano K.W. Lem and G.M. McCart, 92S;
 - Redesign of a Drug Information Resources Course: Responding to the Needs of Nontraditional PharmD Students, T.I. Poirier and R. Laux, 306;
 - Self-Directed (A) Introductory Learning Exercise on Drug and Therapeutic Information for Pharmacy-I Students Using the World Wide Web, K.W. Lem, L. F. Lucaccini and L.A. Hytrek, 93S;
 - Testing Competency of Drug Information Skills via a Timed Practical, C.A. Kanafotska, 80S;
- Dyadic (The) Effect of Communication Apprehension: Theoretical and Pedagogical Implications, B.A. Berger and W.A. Villaume, 235;

Early

Early, Integrated Didactic and Experiential Pharmacy Practice Skills Development, K.J. Tietze, E. Stanek, E.G. Boyce, L.E. Davis and L.A. Lawson, 107S;

Early Patient Experience: Introducing Pharmacy Students to Patient Pathographies, A.M. Diggs, J.G. Taylor, C.D. Munden, E.T. Robinson and H.M. Anderson-Harper, 99S;

Early Pharmacy Practice Experience, A. Amerson, B. Brandt, M. Clements, B. DeWitt and T. German, 105S;

Economics

Economic Issues of Pharmaceutical Care: The Patient's Perspective, D.A. Mott, 407;

What Pharmacy Managers Believe They Need: A Different Strategy for the Provision of Business-Related Continuing Professional Education, D.J. McCaffrey III, J.P. Bentley, B.F. Banahan III, D.D. Garner and K.E. Ladner, 77S;

Education

Educating Health Care Professionals in an Abilities-Based Course, M.T. Roth, M.S. Maddux and T.D. Zlatic, 91S;

Educational Design to Teach Drug Information Across the Curriculum, M.L. Gora-Harper and B.F. Brandt, 296;

Interprofessional Education: Our Common Destiny, R.W. Holden, 430;

Pharmacy Practice Assessment Committee: An Approach to Developing Abilities Based Education, D. Vrahos, T.D. Zlatic and M.S. Maddux, 92S;

Who Are Our "Customers" for Post-BS Professional Educational Program?, S. Madhavan, M. M. Amonkar, S.A. Rosenbluth, G.R. Spratto, R. Taft, D.P. Elliott, K. Jozefczyk, G.W. Leader, D.B. Lucas, L.J. Moherman, E.J. Scharman, V. Scott and R. Watkins, 108S;

Electronic

Library Reserves: The Beginning of Electronic Full-Text Access, B. Howes and S. Skutnik, 78S;

Enhancing

Enhancing Students' Information Retrieval Skills within a Traditional Pharmacology Course, 87S; M.K. Bazil and H.L. Kirschenbaum, 87S;

Enhancing the Learning Environment, S. Frank, M. Bennett, R. Buerki, P. Farren, K. Hale, P.T. Patil, R. Reuning, L. Robertson, S. Schwendeman and C. Stanley, 106S;

Enhancing the Transition from Classroom to Clinical Setting: A Novel Approach to Teaching Therapeutics, I.V. Mehra and C. Wallace, 92S;

Enrollment

The Pharmacy Student Population: Applications Received 1995-96, Degrees Conferred 1995-96, Fall 1996 Enrollments, S.M. Meyer, 63S;

Entrepreneurial

Business Plans: A Tool to Teach Entrepreneurial and Communication Skills, K.W. Schafermeyer and E.H. Hobson, 87S;

Errors

Communication Ain't Perfect: Instructional Strategies to Promote Effective Communication Concerning Pharmacy-Based Errors, E.R. Cohn and G. Stoehr, 98S;

Ethics

Prescription Drug Diversion: Fraudulent Tactics Utilized in the Community Pharmacy, Karen Blumenschein, 184;

Teaching Biomedical Ethics as a Writing Intensive Ability Based Course, E.S. Becker, 75S;

Evaluating

Evaluating Applicants: Revised Criteria for Pharmacy Admissions, C. Metge and C.J. Briggs, 108S;

Evaluating the Learning Opportunities in Clerkship Placements, J.T. Carter, J.R. Draugalis and M. K. Slack, 96S;

Evaluation

An Evaluation of a Modified Medical Outcomes Study 30-

Item Short Form (SF-30) in Patients with HIV Infection., S. Kucukarslan, P. Fan-Havard, J. Kendle, J. Clark and J. Neidig, 81S;

Current Procedures Used to Evaluate Teaching in Schools of Pharmacy, C.W. Barnett and H.C. Matthews, 84S;

Evaluation of a Course Presented to a Remote Audience: The Method of Instructional Delivery (MOID) Evaluation Survey, F.L. Pritchard, W. M. Ozburn, G.E. Francisco and Mark R. Morton, 84S;

Evaluation of Experiential Evaluation Instrument Outcomes with a Visual Analog Scale, M.A. Gales, C.F. Cox and D.F. Thompson, 79S;

Evaluation of Pharmacy School Applicants Whose First Language is Not English, S. Wu-Pong, D. Osborne and G. Windridge, 61;

Evaluation of Pharmacokinetics Primer for Learning Pharmacokinetic Concepts, C. White, S. Poirier and A. Wells, 82S;

Evaluation of Practice Site Learning Experience Program for Entry-Level Doctor of Pharmacy Students, B.L. Erstad, J. Callahan, J. Keller and E.P. Armstrong, 87;

Evaluation of the First Semester of an "Integrated" Laboratory Course at the University of Kansas, L.W. Davidow and E. Topp, 103S;

Evaluation of the Importance of Teaching Pharmacy Students the Spiritual Component of Patient Care, M. Jafari-Fesharaki, 80S;

Student Evaluation of Classroom Teaching: A Study of Pharmacy Faculty Attitudes and Effects on Instructional Practices, C.W. Barnett and H.W. Matthews, 34S;

Examination

Application of Objective Structured Clinical Examinations in an Assessment of Pharmacists' Continuing Competence, D.W. Fielding, G.G. Page, W. T. Rogers, C.C. O'Byrne, M. Schulzer, K.G. Moody and S. Dyer, 117;

Developing Computer-Assisted Instruction to Teach Physical Examination to Doctor of Pharmacy Students, R. L. Longe, 89S;

Writing (A) Proficiency Examination for Pharmacy Students, C. Parkhurst, 163;

Executive Vice President, R.P. Penna

Leadership and Complex Issues, R.P. Penna, 322;

Nurturing the Pharmaceutical Sciences, R.P. Penna, 453;

Expansion of Ability-Based Education Using an Assessment Center Approach with Pharmacists as Assessors, D.L. Purkerson, H.L. Mason, R.K. Chalmers, N.G. Popovich and S.A. Scott, 241;

Expectations and Preferences of Pharmacists for Nontraditional Doctor of Pharmacy Programs, D.P. Zgarrick and G.E. MacKinnon III, 95S;

Experience

Early Pharmacy Practice Experience, A. Amerson, B. Brandt, M. Clements, B. DeWitt and T. German, 105S;

Experiential

Early, Integrated Didactic and Experiential Pharmacy Practice Skills Development, K.J. Tietze, E. Stanek, E.G. Boyce, L.E. Davis and L.A. Lawson, 107S;

Experiential Education: Time to Implement Change, I.L.S. Calligaro, 32S;

Implementation of an Information Management System for Experiential Education, R.J. Schollard, S.M. Caiola and M.A. Rosen, 91S;

Improving Pharmacy Practice Sites for Experiential Learning: A Baseline Pharmacy Site Evaluation Survey., P.G. Rosowski and B. Duerst, 91S;

Oral Challenge: An Integral Part of an Ambulatory Experiential Training Program Designed to Enhance the Provision of Pharmaceutical Care, N. Osemene, M. Berry, D. Jackson, I. Ebunike, P. Plattenburg, D. Lewis and P. Lecca, 107S;

- Exploratory**
An Exploratory Study of Motivational Orientations of Pharmacists in Professional Continuing Education Programs, W.C. Garst and L.D. Ried, 77S;
- External**
Needs (A) Assessment for an External Doctor of Pharmacy Degree Program, P.U. Joyner, A.W. Pittman, W.H. Campbell and B.H. Dennis, 292;
- * * *
- FIP Papers**
Industrial (The) Point of View: Competence Development in Pharmaceutical Industry, S.O. Jansson and J. Vessman, 202;
Teaching New Areas at the University or Not?, J.-M. Aiache, E. Beyssac and P. Gauthier, 199;
Teaching of Industrial Pharmacists How to Teach?, H.G. Kristensen, 197;
What Do Pharmaceutical Industries Expect from Universities?, P.-G. Kibat, 203;
- Factors**
Factors Influencing Pharmaceutical Calculations Grades: Is More Study Time Better? S.G. Boudinot and B. Martin, 97S;
Factors Utilized by Pharmacy Faculty in Selecting their First Academic Position, K. Broedel-Zaugg, M.L. Henderson and R. A. Ohvall, 384;
- Faculty**
Faculty Attitudes Toward Required Evaluative Projects for Doctor of Pharmacy Candidates, J.E. Murphy, 74;
Scholarly Performance and Related Variables: A Comparison of Pharmacy Practice Faculty and Department Chairpersons, P.W. Jungnickel, 34;
The Interprofessional Community-Based Faculty Initiative at the University of Kentucky Chandler Medical Center, B. Brandt, M.M. Quan, D. Fitzgerald and P. Nash, 85S;
- Finance**
Chair Report for the Finance Committee, M.A. Koda-Kimble, 15S;
- Focus on Education: Lessons from a Pharmaceutical Care Certificate Program for Community Pharmacists, J.C. Barner and R.W. Bennett, 76S;**
- Focus Groups**
Using Student Focus Groups as One Method of Ensuring Quality Control in a Curriculum, S.P. Desselle *et al.*, 106S;
- Formative**
Implementation of A Formative Course Education Process, P. Oppenheimer, K. Besinque and H. Shen, 86S;
- Fostering**
Fostering Interdisciplinary Education for Pharmacy Students: A Two Week Institute in a Rural Health Care Setting, L. Boh, B. Duerst and P. Rosowski, 79S;
Fostering Interdisciplinary Education for Pharmacy Students in a Rural Health Care Setting, B. Duerst, L. Boh, P. Rosowski, L. Elvers, E. Geukink and J. Hanson, 371;
- * * *
- Gender**
Development of an Undergraduate Course in Gender Issues in Health Care, M. Assa and D.H. Berardo, 379;
- Geriatric**
Development of a Geriatric Interdisciplinary Team Experience in an HMO Setting: A Collaborative Educational Approach to Care of the Elderly Patient, A.O. Stach-Klysh, P.L. Lurvey and J.M.B. Woodward, 92S;
Rural CHOIS: An Interdisciplinary Geriatric Health Experience, T.P. Stratton and G.A. Cochran, 87S;
- Global**
Pharmaceutical Education's Global Village, H.F. Kabat, 426;
- Goals**
Delicate (The) Art of Advancing both Personal and Institutional Goals, C.O. Rutledge, 221;
- Gordon Personal Profile-Inventory**
Use of the Gordon Personal Profile Inventory of Pharmacists and Pharmacy, Students, G.H. Cocolas, B. Sleath and E.C. Hanson-Divers, 257;
- Grades**
Assessment of Factors which Influence PharmD Clerkship Grades, L.L. Briceland and R.A. Hamilton, 157;
Factors Influencing Pharmaceutical Calculations Grades: Is More Study Time Better? S.G. Boudinot and B. Martin, 97S;
- Group Learning**
Group (A) Learning Project Incorporating Key Aspects of Pharmaceutical Care, L. Morin and B. Williams, 89S;
Implementing Group Based Learning (GBL) in Several Basic Pharmacy Courses at Creighton University, V.A. Long, V. Padron, M. Makoid, 105S;
- Guided Design**
An Investigation of the Effects of Concept Mapping on Student Problem Solving Performance When Used as an Adjunct to Guided Design, G.D. Newton, 103S;
- * * *
- Handicapped**
Pharmacists' Attitudes and Emotional Reactions Toward Mentally Handicapped Patients: Implication for Providing Pharmaceutical Care, N. Charupatanapong and V.T. Trinh, 148;
- Hearts and Hands: Integrating Service Learning Throughout the Pharmacy Curriculum, S.F. Gardner, J. Wolfe, G. Reinhardt, L. White, E. Dunn and K. Fowlkes, 100S;**
- Having Wellness Become "Rather than" for Pharmacy Students: An Elective Course in Developing a Personal Wellness Program, W.J. Murray, 101S,**
- Herbal**
Herbal Instruction in United States Pharmacy Schools, L.G. Miller and W.J. Murray, 161;
The Case-Study Approach Applied to a Course in Herbal Medications, W.J. Murray and L.G. Miller, 101S;
- Hospice**
An Introductory Hospice Clerkship for Pharm.D. Students, R. Sylvester, P. Steen, L. Palmer and T. Miller, 92S;
How to Improve the Pharmacists' Role in Diabetes Care, J. Gross and M.L. Henderson, 106S;
- Human (A) Diversity Program at The University of Mississippi, D.A. Frate, C.M. Wyandt and J.S. Williamson, 96S;**
- * * *
- Impact**
Impact of a Problem-Based Learning Case Studies Course on Clerkship Performance, T. Gould and S.C. Hurley, 83S;
Impact of Third-Year Pharmacy Curriculum on Student's Health-Related Quality of Life, C.A. Pedersen and D.M. Scott, 82S;
- Implementation**
Implementation and Evaluation of a Disease State Management Course in a Revised Curriculum: An Integration of Traditional and Case-Base Lectures, M.A. Chisholm, W.J. Spruill, R. Fedyk and G.E. Francisco, 93S;
Implementation and Evaluation of the Structured Practical Experience Program Newsletter at the Faculty of Pharmacy, University of Toronto, B.J. Farrell, L. Blain, L. Lavack and L. Raman-Wilms, 96S;
Implementation of a Formative Course Education Process, P.

- Oppenheimer, K. Besinque and H. Shen, 86S;
- Implementation of an Information Management System for Experiential Education, R.J. Schollard, S.M. Caiola and M.A. Rosen, 91S;
- Implementing Group Based Learning (GBL) in Several Basic Pharmacy Courses at Creighton University, V.A. Long and V. Padron, M. Makoid, 105S;
- Improving**
- Improving Pharmacist-Physician Communication: Report of a Pilot Workshop, R.H. Rubin and B.L. Sleath, 359;
- Improving Pharmacy Practice Sites for Experiential Learning: A Baseline Pharmacy Site Evaluation Survey, P.G. Rosowski and B. Duerst, 91S;
- Incorporation**
- Incorporation (The) of Pharmaceutical Care as an Outcome Ability in the Development of the Conceptual Map of an Entry-Level Doctor of Pharmacy Program, W.T. Maldonado, H.A. Monsanto, L.M. Gutiérrez and M. Orfilla, 107S;
- Index to Volume 61 (1997), 467;
- Independent Study**
- Cultivation of Student Involvement in Health Promotion and Disease Prevention Activities through an Independent Study Course, D.H. Brown, 78S;
- Industrial**
- Teaching of Industrial Pharmacists, Henning G. Kristensen, 197;
- Industrial (The) Point of View: Competence Development in Pharmaceutical Industry, S.O. Jansson and J. Vessman, 202;
- What Do Pharmaceutical Industries Expect from Universities, P.G. Kibat, 203;
- Information**
- Implementation of an Information Management System for Experiential Education, R.J. Schollard, S.M. Caiola and M.A. Rosen, 91S;
- Innovative**
- Innovative Drug Information Practical Experience, C. Tsourounis, L.A. Hytrek, J.C. Serrano K.W. Lem and G.M. McCart, 92S;
- Innovative Student Development Activities at the University of Mississippi School of Pharmacy, M.C. Wilson, D.A. Frate, J.P. Juergens, N.C. Weed and C.M. Wyandt, 105S;
- Instructional**
- Instructional Development: Using Preceptors to Design Human Resource Case Studies for Collaborative Learning in a Pharmacy Management Course, E.T. Robinson, J.G. Taylor, C.D. Munden, A.M. Diggs and H.M. Anderson-Harper, 82S;
- Multimedia Instructional Design: Should Learning Styles Be Considered in Developing Computer Assisted Instruction Modules? C.D. Munden, H.M. Anderson-Harper, T.A. Brush, E.A. Miller and B.G. Felkey, 84S;
- Assessment of Student Evaluation of Faculty in an Advanced Level Pharmacokinetics Course Taught by Three Methods of Instructional Delivery, W.E. Wade, W.J. Spruill, H.H. Cobb, III, M.A. Chisholm and G.E. Francisco, 92S;
- Integration**
- Integration of Internet-Based Technologies as Learning Tools in a Pharmaceutical Calculations Course, M. Ramanathan, R.I. Chau and R.M. Straubinger, 141;
- Integration Of The Basic And Clinical Pharmaceutical Sciences Through The Pharmaceutical Care Laboratory, M.R. Jafari, R.P. Rimmel, C.L. Zimmerman and R. Suryanarayanan, 105S;
- Integrating the Student into the Communications Loop of a New School, B.W. Graham, W.P. Johnston, M.E. Bronson, H. Jacobs, A.H. Kibbe, A.Y.F. Lin, D. Maize and P.H. Stepanovich, 107S;
- Interdisciplinary**
- Fostering Interdisciplinary Education for Pharmacy Students in a Rural Health Care Setting, B. Duerst, L. Boh, P. Rosowski, L. Elvers, E. Geukink and J. Hanson, 371;
- An Interdisciplinary Approach to An Introduction to Pharmacy Practice Course, A.Y.F. Lin, B.W. Graham, W.P. Johnston, B.L. Kinney, J.M. Elmes-Crahall and P.H. Stepanovich, 85S;
- Interdisciplinary Rural Learning: Impact on Pharmacy Students, C.W. Whitley, A.G. Greer, S.H. Lilley, Robert J. Schollard and J. Lane, 88S;
- Development of a Geriatric Interdisciplinary Team Experience in an HMO Setting: A Collaborative Educational Approach to Care of the Elderly Patient, A.O. Stach-Klysh, P.L. Lurvey and J.M.B. Woodward, 92S;
- Introduction to Community-Oriented Health Care for Pharmacy Students Using an Interdisciplinary Approach, M. Diaz-Linares, D. Guisto, L. Danziger, J. Cooksy, J. Nelson and N. Ervin, 99S;
- Interdisciplinary Problem-Based Small Group Teaching for Medicine, Pharmacy, Nursing and Social Work Students, I. Bowmer, R.M. Law, S. MacDonald, G. Burford and B. Boland, 100S;
- Interim Meeting**
- AACP Interim Meeting Poster Session Abstracts, March 2-3, 1997, 217;
- Intermeshing Passive and Active Learning Strategies in Teaching Biochemistry**, J.C. Matthews, 388;
- Internet**
- Integration of Internet-Based Technologies as Learning Tools in a Pharmaceutical Calculations Course, M. Ramanathan, R.I. Chau and R.M. Straubinger, 141;
- Development of a Continuing Education Program on the Internet, U. Chung, N. Syfrig, J. Loesberg and G. MacKinnon, 79S;
- Internet Medical Resources for Pharmacy Students on the World Wide Web, G.A. Raymond, 80S;
- Assessment of Classroom Lecture Supplementation via the Internet, J.B. Groce, V.P. Howard and L.N. Swanson, 87S;
- Advanced Clinical Pharmacokinetics Virtual-Recitation: A Web Based Approach to Active Learning, D. K. Woodward, 89S;
- A Self-Directed Introductory Learning Exercise on Drug and Therapeutic Information for Pharmacy-I Students Using the World Wide Web, K.W. Lem, L. F. Lucaccini and L.A. Hytrek, 93S;
- Assessing and Enhancing Pharmacy Students' Familiarity and Comfort with the Internet, K.K. Janke and K.L. Wilbur, 101S;
- Problem-based Continuing Professional Education Delivered Over the Internet, G.D. Theilman and D. Anderson, 102S;
- Internship**
- The University of Mississippi's Biomedical Internship Program, J.S. Williamson, 88S;
- Interprofessional**
- Description and Evaluation of a Interprofessional Communications Education Program, P.A. Miederhoff, S.S. Wright and D. Alexander-Forti, 95S;
- Interprofessional (The) Community-Based Faculty Initiative at the University of Kentucky Chandler Medical Center, B. Brandt, M.M. Quan, D. Fitzgerald and P. Nash, 85S;
- Interprofessional Education: Our Common Destiny, R.W. Holden, 430;
- Interprofessional Health Professions Service Learning at the University of Kentucky, B. Brandt, 85S;

Introduction

Introduction to Community-Oriented Health Care for Pharmacy Students Using an Interdisciplinary Approach, M. Diaz-Linares, D. Guisto, L. Danziger, J. Cooksy, J. Nelson and N. Ervin, 99S;

Introduction to Patient Monitoring: An Example of Integrated Instruction, C.M. Compadre, A.R. Grady and B.J. Gurley, 100S;

Introducing Theories of Patient-Focused Care in Pharmaceutical Education, E.E. Lipowski, 410;

Investigation (An) of the Effects of Concept Mapping on Student Problem Solving Performance When Used as an Adjunct to Guided Design, G.D. Newton, 103S;

Involvement of Recent Alumni in Pharmacy Education, J.E. Szilagyi, 108S;

JCPP

Prescribing Medications: The Changing Paradigm for a Changing Health Care System. A JCPP Commentary, 318;

Janus Commission

Approaching the Millenium: The Report of the AACP Janus Commission, 4S;

Journal

Report of the Journal Editor, G.H. Cocolas, 25S;

Journaling: A Method of Student Self-Assessment and Communication, S.J. Reitz and J.R. Matsuyama, 90S;

Kabat, Hugh F.

Meet the President: Hugh F. Kabat, G.H. Cocolas, 233;

Laboratory

Convenient (A) Laboratory Experiment for Teaching the Fundamentals of Drug Metabolism, R.O. Juvonen, S. Pennanen and M. Pasanen, 314;

Language

Evaluation of Pharmacy School Applicants Whose First Language is Not English, S. Wu-Pong, D. Osborne and G. Windridge, 61;

Leadership and Complex Issues, R.P. Penna, 322;

Learning

Assessment (An) of the Learning Styles of Pharmacy Students Enrolled in the New Curriculum of The University of Georgia College of Pharmacy, S. Poirier, G.E. Francisco and S. Burgess, 104S;

Enhancing the Learning Environment, S. Frank, M. Bennett, R. Buerki, P. Farren, K. Hale, P.T. Patil, R. Reuning, L. Robertson, S. Schwendeman and C. Stanley, 106S;

Hearts and Hands: Integrating Service Learning Throughout the Pharmacy Curriculum, S.F. Gardner, J. Wolfe, G. Reinhardt, L. White, E. Dunn and K. Fowlkes, 100S;

Learning (A) Module in Clinical Toxicology, B.E. Hayes, 75S;

Learning to Read and Treat Cardiac Arrhythmias with Computer Technology and Resources, L.E. Basskin, 89S;

Odyssey (An) into Cooperative Learning, T.L. Lemke and C. Basile, 351;

Use of Information Technology to Stimulate Learning in Student Learning, T. Grapes, G. Strom, R. Jackson, E. Jackson and L. Ashworth, 98S;

Lecture

Poster Presentations: An Alternative to the Traditional Classroom Lecture, K.A. Hunter, 78;

Lessons Gained from Distance Delivery of an Applied Pharmacokinetics Course, K.H.P. Moore, K.L.R. Brouwer and P.U. Joyner, 310;

Letters, 223, 326;

Library Reserves: The Beginning of Electronic Full-Text Access, B. Howes and S. Skutnik, 78S;

Literacy

Cultural Literacy Among Pharmacy Students: Its Role in Pharmacy Education, C.R. Phillips and R.J. Morrow, 97S;

Making Choices about Alternatives to Biomedicine: A Curriculum Guide, D. Dolinsky and M.F. McManus, 95S;

Managed Care Pharmacy: MS Degree and Certificate Program, P.D. Hurd, B.R. Motheral and K.W. Schafermeyer, 105S;

Management

Development of a Pharmacy Receipt Group Project in a Pharmacy Practice Management Course, D.P. Zgarrick, 83S;

Instructional Development: Using Preceptors to Design Human Resource Case Studies for Collaborative Learning in a Pharmacy Management Course, E.T. Robinson, J.G. Taylor, C.D. Munden, A.M. Diggs and H.M. Anderson-Harper, 82S;

Medical Center Based Nuclear Pharmacy Certificate Program for Continuing Education of Pharmacists, G.H. Hinkle, 80S;

Medical Record

Teaching Pharmacy Students to Write in the Medical Record, Theresa R. Prosser, John M. Burke and E.H. Hobson, 136;

Medication Error Recognition, Reporting and Reduction: Curricular Status, J.J. Wolfe, E.B. Dunn and J.R. McCormack, 97S;

Medicinal Chemistry

Computerized Medicinal Chemistry Case Studies, V.F. Roche and S.W. Zito, 447;

Promoting In-Class Student Involvement in Medicinal Chemistry, P.C. Reunitt, 302;

Structurally-Based Therapeutic Evaluation: A Therapeutic and Practice Approach to Teaching Medicinal Chemistry, N.Z. Alsharif, K.A. Theesen and V.F. Roche, 55;

Use of Student-Centered, Problem-Based, Clinical Discussions to Enhance Learning in Pharmacology and Medicinal Chemistry, R.N. Herrier, T.R. Jackson and P.F. Consroe, 441;

Memorial to Marvin M. Malone, J.W. Blankenship and A.J. Matuszak, 327;

Mentoring

Community Pharmaceutical Care Clerkship: Preceptor-Mentor-Student Approach, C.K. O'Neil, J. Kristofik and J. Astle, 90S;

Promoting Professionalism Through Mentoring via the Internet, S.M. Fung, L.L. Norton, Mary J. Ferrill and Robert B. Supernaw, 166;

Method (A) of Teaching the Pharmacology of ACE Inhibitors for the Treatment of Hypertension, J.E. Sprague, 170;

Meet the President: Hugh F. Kabat, G.H. Cocolas, 233;

Minutes

AACP Board of Directors Meeting

February 26-27, 1997, Washington, DC, R.P. Penna, 45S;

July 10-11, 1997, Indianapolis, IN, R.P. Penna, 47S;

October 24-25, 1997, Washington, DC, R.P. Penna, 52S;

Council of Deans Business Meeting

March 3, 1997, Washington, DC, J.L. Early II, 54S;

July 16, 1997, Indianapolis, IN, J.L. Early II, 57S;

Council of Faculties Business Meeting:

March 3, 1997, Washington, DC, J.H. Van Tyle, 59S;

July 16, 1997, Indianapolis, IN, J. H. Van Tyle, 60S;

- House of Delegates Sessions and Awards Banquet: July 13-16, 1997, Indianapolis, IN, R.P. Penna, 53S;
- Misinterpretation of Language Used to Express Frequency or Probability, D.C. Robinson and J. R. Walker, 84S;
- Model for Clinical Clerkship Site Development in the Visiting Nurse Association, C.M. Catney, C.L. A., Lawrence, L. Fleckenstein and J.M. Scavone, 78S;
- Modification of The Liver Game As An Exercise For Small Group Learning, R.L. Chapman, R.M. Zavod, J.J. Christoff and B.L. Currie, 76S;
- Module**
- Cardiovascular Pharmacotherapy: An Elective Module to Enhance Critical Thinking, D.G. Zarembski and P.M. Carmichael, 93S;
- Learning (A) Module in Clinical Toxicology, B.E. Hayes, 75S;
- Putting Drug Design into Perspective: An Interactive Module, R.M. Zavod, B.L. Currie, J.J. Christoff, H. Patel and R.L. Chapman, 76S;
- Social and Administrative Sciences Instructional Modules for the Delivery of Pharmaceutical Care-1997, D. Dolinsky, D. Brushwood, S. Desselle, J. Mount, K. Schafermeyer and T. Stratton, 94S;
- Moral Reasoning in Pharmacy Students and Community Practitioners, D.A. Latif and A. Berger, 82S;
- Multicultural**
- Course Development for Teaching Multicultural Patient Care, G.J. Nichols, 86S;
- Multi-ethnic**
- Serving the Needs of Multi-ethnic Populations: Pharmacy Students' Perceptions, M. Agrawal and R.B. Sause, 94S;
- Multimedia Instructional Design: Should Learning Styles Be Considered in Developing Computer Assisted Instruction Modules?** C.D. Munden, H.M. Anderson-Harper, T.A. Brush, E.A. Miller and B.G. Felkey, 84S;
- Multipurpose (A) Student Orientation Testing Program**, N.C. Weed, M. C. Wilson and D.J. McCaffrey, 96S;

- Needs**
- Needs Assessment for a Nontraditional Doctor of Pharmacy Degree, P.A. Howard and J. E. Fincham, 97S;
- Needs (A) Assessment for an External Doctor of Pharmacy Degree Program, P.U. Joyner, A.W. Pittman, W.H. Campbell and B.H. Dennis, 292;
- New**
- New (A) Approach to Teaching Basic Science Courses: Biochemistry and Molecular Biology in the Block System of Curriculum Design, R. Coffman, M. Jafari-Fesharaki, S. Prabhu, H. Rosenberg and K. Tallian, 88S;
- A New Required Course in Communications: Patient Counseling and Beyond, S.P. Desselle, 94S;
- Nontraditional**
- Expectations and Preferences of Pharmacists for Nontraditional Doctor of Pharmacy Programs, D.P. Zgarrick and G.E. MacKinnon III, 95S;
- Needs Assessment for a Nontraditional Doctor of Pharmacy Degree, P.A. Howard and J. E. Fincham, 97S;
- Nontraditional (The) PharmD Option: A Market Survey, B.H. Livengood, D.H. Kay and T.I. Poirier, 106S;
- Physical Assessment Instruction in a Nontraditional Doctor of Pharmacy Degree Program, S.L. Noble and B.L. Crabtree, 99S;
- Nuclear**
- Medical Center Based Nuclear Pharmacy Certificate Program for Continuing Education of Pharmacists, G.H. Hinkle, 80S;
- Nursing**
- Model for Clinical Clerkship Site Development in the Visiting Nurse Association, C.M. Catney, C.L. A., Lawrence, L.

- Fleckenstein and J.M. Scavone, 78S;
- Nursing and Pharmacy Students: A Joint Clinical Experience in the Community, A.M. McCarthy, M.W. Kelly, 81S;
- Nurturing the Pharmaceutical Sciences, R.P. Penna, 453;
- NU-traceuticals: Authoring Articles in a Professional Journal as a Mechanism for Developing Writing Skills and Professionalism in Pharmacy Students, W.J. Murray, 100S;

- OBRA'90**
- Pharmacy Compliance with Arkansas Board of Pharmacy Regulation # 48: OBRA 90 Model, J. R. McCormack, G. Fowlkes, B. Allen and S. Kesterson, 94S;
- Odyssey (An) into Cooperative Learning, T.L. Lemke and C. Basile, 351;
- One School's Assessment of Its Entry-Level PharmD Graduates in Residency Programs, W.N. Kelly, 81S;
- Oral Challenge: An Integral Part of an Ambulatory Experiential Training Program Designed to Enhance the Provision of Pharmaceutical Care, N. Osemene, M. Berry, D. Jackson, I. Ebunike, P. Plattenburg, D. Lewis and P. Lecca, 107S
- Orientation**
- A Multipurpose Student Orientation Testing Program, N.C. Weed, M. C. Wilson and D.J. McCaffrey, 96S;
- Outcomes Research (Pharmacoeconomics and Pharmacoepidemiology) Course for PharmD Students**, D.M. Scott and C.A. Pedersen, 82S;

- Pathographies**
- Early Patient Experience: Introducing Pharmacy Students to Patient Pathographies, A.M. Diggs, J.G. Taylor, C.D. Munden, E.T. Robinson and H.M. Anderson-Harper, 99S;
- Patient**
- Introduction to Patient Monitoring: An Example of Integrated Instruction, C.M. Compadre, A.R. Grady and B.J. Gurley, 100S;
- Patient Involvement in Pharmaceutical Care: A Conceptual Framework, B. Chewing, 394;
- Patients' Expectations and Knowledge of Patient Counseling Services that are Available from Pharmacists, J.C. Schommer, 402;
- Standardized Patients: an Ability-based Outcomes Assessment for the Evaluation of Clinical Skills in Traditional and Nontraditional Education, M.S. Monaghan, R.E. Vanderbush, S.F. Gardner, E.F. Schneider, A.R. Grady and A.B. McKay 103S;
- Student Exposure to Actual Patients in the Classroom, M.A. Chisholm, C.Y. McCall, G.E. Francisco Jr. and S. Poirier, 364;
- Student Exposure to Actual Patients in the Classroom: Implementation and Evaluation of Two Clinical Applications Courses in a Revised Curriculum, M.A. Chisholm and C.Y. McCall, 88S;
- The Patient: Our Teacher and Friend, J.B. Wiederholt and P.A. Wiederholt, 415;
- Using Standardized Patients to Teach Physical Assessment Skills to Pharmacists, M.S. Monaghan, R.M. Jones, E.F. Schneider, R.F. Richardson, A.R., Grady, J.R., McCormack and J. Randall, 98S;
- Patient Care**
- Evaluation of the Importance of Teaching Pharmacy Students the Spiritual Component of Patient Care, M. Jafari-Fesharaki, 80S;
- Introducing Theories of Patient-Focused Care in Pharmaceutical Education, E.E. Lipowski, 410;
- Peer-Learning and Enhancement of Writing Skills in a Large Class, K.A. Alkadhi and J.E. Szilagyi, 84S;

- PharmLab™: A Computer Program for the Calculation and Visualization of Drug Degradation pH Rate Profiles, M.B. Bolger and I.S. Haworth, 281;
- Pharmaceutical Education's Global Village, H.F. Kabat, 426;
- Pharmaceutics
- Developing A Method for Incorporating Student Self-Assessment in a Pharmaceutics Course, A. Ratka and V.J. Galizia, 78S;
- Pharmacists
- Exploratory (An) Study of Motivational Orientations of Pharmacists in Professional Continuing Education Programs, W.C. Garst and L.D. Ried, 77S;
 - How to Improve the Pharmacists' Role in Diabetes Care, J. Gross and M.L. Henderson, 106S;
 - Pharmacists' Attitudes and Emotional Reactions Toward Mentally Handicapped Patients: Implications for Providing Pharmaceutical Care, N. Charupatanapong and V.T. Trinh, 148;
 - Pharmacist's (The) Role in Alternative Medicine: Description of an Elective Course, P.A. Miederhoff and S.S. Wright, 108S;
- Problem-Based Learning: A Tutorial Model Incorporating Pharmaceutical Diagnosis, V.L. Culbertson, M. Kale and E.J. Jarvi, 18;
- Pharmacoeconomics
- Clerkship (A) Experience in Pharmacoeconomics and Pharmacoeconomics, T.P. Christensen, 106S;
 - Pharmacoeconomics (A) and Outcomes Research Seminar Course for Track-in Pharm.D. Students, G.V. Gupchup and A.P. Wolfgang, 81S;
- Pharmacoeconomics
- Clerkship (A) Experience in Pharmacoeconomics and Pharmacoeconomics, T.P. Christensen, 106S;
- Pharmacokinetics
- Advanced Clinical Pharmacokinetics Virtual-Recitation: A Web Based Approach to Active Learning, D. K. Woodward, 89S;
 - Computer-Assisted Generation and Grading of Pharmacokinetics Assignments in a Problem-Solving Course, R. Mehvar, 436;
 - Development and Validation of a Computer-Based Test for Measuring Pharmacokinetic Dosing Abilities: A Consortium Approach, D.E. Beck, S.T. Smith, M. Job, S. Grimsley, P. Sims and P. Grussing, 102S;
 - Evaluation of Pharmacokinetics Primer for Learning Pharmacokinetic Concepts, C. White, S. Poirier and A. Wells, 82S;
 - Lessons Gained from Distance Delivery of an Applied Pharmacokinetics Course, K.H.P. Moore, K.L.R. Brouwer and P.U. Joyner, 310;
 - Teaching Pharmacokinetics Using a Student-Centered, Modified Mastery-Based Approach, C.C. Brackett and R.H. Reuning, 85S;
- Pharmacology
- Enhancing Students' Information Retrieval Skills within a Traditional Pharmacology Course, M.K. Bazil and H.L. Kirschenbaum, 87S;
 - Pharmacology of Parkinsonian Agents, R.P. Soltis, 179;
 - Use of Student-Centered, Problem-Based, Clinical Discussions to Enhance Learning in Pharmacology and Medicinal Chemistry, R.N. Herrier, T.R. Jackson and P.F. Consroe, 441;
- Pharmacy
- Pharmacy Compliance with Arkansas Board of Pharmacy Regulation # 48: OBRA 90 Model, J. R. McCormack, G. Fowlkes, B. Allen and S. Kesterson, 94S;
 - Pharmacy Education in a Dental Facial Pain Center, G.A. Brazeau, C.G. Widmer and H.A. Gremillion, 85S;
 - Pharmacy Informatics: A Nontraditional Clerkship, L. Deziel-Evans, 99S;
 - Pharmacy School Coordinated Campus Health Care Services, E. Ward, H.W. Matthews, K. Powell and E. Warnock, 104S;
- Pharmacy Practice
- An Interdisciplinary Approach to An Introduction to Pharmacy Practice Course, A.Y.F. Lin, B.W. Graham, W.P. Johnston, B.L. Kinney, J.M. Elmes-Crahall and P.H. Stepanovich, 85S;
 - Pharmacy Practice Assessment Committee: An Approach to Developing Abilities Based Education, D. Vrahnos, T.D. Zlatic and M.S. Maddux, 92S;
 - Student Assessment of a New Integrated Pharmacy Practice Course, L.C. Fuhrman Jr., T. Brady, W. Buff, D. Chavous and R. Schulz, 83S;
- Physical Assessment
- Physical Assessment Instruction in a Nontraditional Doctor of Pharmacy Degree Program, S.L. Noble and B.L. Crabtree, 99S;
 - Revision of a Nontraditional Pharm.D. Physical Assessment Course: A Need and a Response, Janet P. Engle, N.F. Fjortoft, K. Martin and J. Colombo, 79S;
 - Using Standardized Patients to Teach Physical Assessment Skills to Pharmacists, M.S. Monaghan, R.M. Jones, E.F. Schneider, A.R. Grady, J.R. McCormack and Jay Randall, 266;
- Physician Assistant
- A Combined Doctor of Pharmacy and Masters of Physician Assistant Studies Degree Program, M.W. McKenzie, W. Bottom and D. Brushwood, 104S;
- Portfolio
- The Development of Clerkship Site Portfolios to Facilitate the Selection and Orientation Process, ;
- Poster Presentations
- Poster Presentations: An Alternative to the Traditional Classroom Lecture, K.A. Hunter, 78;
 - The Use of Group Term Papers and Poster Presentations in Medicinal Chemistry, D.M. Nowak, 89S;
- Practice
- Administrative, Population Based Pharmaceutical Care Advanced Practice Experience, Z.T. Grapes and L. Waint, 94S;
 - Evaluation of Practice Site Learning Experience Program for Entry-Level Doctor of Pharmacy Students, B.L. Erstad, J. Callahan, J. Keller and E.P. Armstrong, 87;
 - A Survey of Education and Practice Issues of Tennessee Pharmacists and Technicians, G. Farr, K. Patterson and T. Portner, 77S;
- Preceptor Education: A Continued Collaboration Between Two Colleges of Pharmacy, C.F. Cox and K.A. Swanson, 96S;
- Preparation of a Teaching Guide for Lecturing Faculty from Existing Student Evaluations of Teaching, K.W. Lem, M.E. Winter, 100S;
- Preparing Students for Future Therapies: The Development of Novel Agents to Control the Renin-Angiotensin System, M.W. Harrold, 173;
- Prescription Drug Diversion: Fraudulent Tactics Utilized in the Community Pharmacy, K. Blumenschein, 184;
- Prescribing Medications: The Changing Paradigm for a Changing Health Care System. A JCPP Commentary, 318;
- President's Section
- Choose to Make a Difference, H.F. Kabat, 454;
 - Delicate (The) Art of Advancing Both Personal and Institutional Goals, C.O. Rutledge, 221;
 - Excellence is a Habit Rather Than an Act, H.F. Kabat, 323;
 - Wonders (The) of Science—A Student Exercise, C.O. Rutledge, 104;
- Principles and Observations on Pharmaceutical Education, C.O. Rutledge, 424;
- Prior
- Prior Four-Year College Degree and Academic Performance

of First-Year Pharmacy Students: A Three Year Study, M.A. Chisholm, H.H. Cobb III, J.A. Kotzan and G. Lautenschlager, 277;

Prior Four-Year College Degree and Academic Performance of First Year Pharmacy Students: A Three-Year Study, M.A. Chisholm, H.H. Cobb and J.A. Kotzan, 95S;

Problem-Based

Problem-Based Continuing Professional Education Delivered Over the Internet, G.D. Theilman and D. Anderson, 102S;

Problem-Based Learning: A Tutorial Model Incorporating Pharmaceutical Diagnosis, V.L. Culbertson, M. Kale and E.J. Jarvi, 18;

Problem-Based (A) and Project Organized Elective Course in Pharmacy Ownership, J.O. Dean Jr., 103S;

Use (The) of Student-Centered, Problem-Based, Clinical Case Studies to Enhance Learning in Pharmacology and Medicinal Chemistry, R.N. Herrier, T.R. Jackson, P. Consroe, 88S;

Problem-Solving

Assessment of Problem Solving Skills and Knowledge Imparted by a Patient Case-Formatted Course in Clinical Toxicology, K.A. Linowiecki, 86S;

Use of Computer-Based Studies in a Problem-Solving Curriculum, I.S. Haworth, M.B. Bolger and S.P. Eriksen, 97;

Professional Affairs

Chair Report for the Professional Affairs Committee, N.G. Popovich, 18S;

Professionalism

Developing into a Professional: Students' Perspectives, T.S. Yang and N. Fjortoft, 83S;

Promoting Professionalism Through Mentoring via the Internet, S.M. Fung, L.L. Norton, Mary J. Ferrill and Robert B. Supernaw, 166;

Promoting

Promoting In-Class Student Involvement in Medicinal Chemistry, P.C. Reunitz, 302;

Promoting Professionalism Through Mentoring via the Internet, S.M. Fung, L.L. Norton, M.J. Ferrill and R.B. Supernaw, 166;

Psychometric (A) Assessment of a Personality Inventory Designed to Select Caring and Empathic Students for Pharmacy School Admission, S.S. Wright, P.A. Miederhoff, 95S;

Putting Drug Design into Perspective: An Interactive Module, R.M. Zavod, B.L. Currie, J.J. Christoff, H. Patel and R.L. Chapman, 76S;

* * *

Readability of Pharmacy Textbooks, D. Sarnoff, 87S;

Redesign of a Drug Information Resources Course: Responding to the Needs of Nontraditional PharmD Students, T.I. Poirier and R. Laux, 306;

Reimbursement

Teaching Documentation and Reimbursement Strategies to Senior PharmD. Students Enrolled in a Community Clinical Clerkship, J.K. Hastings and G. Reinhardt, 80S;

Relationships

Relationships Among Communication Apprehension, Willingness to Communicate, Learned Optimism, and Myers-Briggs Personality Types, P. Lurvey, 94S;

Testing Commitment-Trust Theory in Relationships Between Pharmacy Schools and Students, D. Holdford and S. White, 249;

Report (for the, of the)

Chair report

COF Task Force on Professional Socialization, J.M.B. Woodward, 31S;

Academic Affairs Committee, T.L. Lemke, 11S;

Academic Sections Coordinating Committee, B.L. Carter,

29S;

Bylaws and Policy Development Committee, S.G. Hoag, 14S;

Council of Deans, G.R. Spratto, 26S;

Council of Faculties, I.L.S. Calligaro, 28S;

Finance Committee, M.A. Koda-Kimble, 15S;

Independent Auditor, J.W. Coughlan, 40S;

Professional Affairs Committee, N.G. Popovich, 18S;

Research and Graduate Affairs Committee, W. Anderson, 21S;

Executive Vice President. A Theme of Progress, R.P. Penna, 1S;

Janus Commission, Approaching the Millenium, 4S;

Journal Editor, G.H. Cocolas, 25S;

The American Council on Pharmaceutical Education, D.A. Nona, 34S;

Research

Outcomes Research (Pharmacoeconomics and Pharmacoepidemiology) Course for PharmD Students, D.M. Scott, and C.A. Pedersen, 82S;

Student Participation in a Research Project During a Community Pharmacy Clerkship, J.W. M. Cheng, M.K. Bazil, S.P. Desselte and S. Feifer, 85S;

Students' Attitudes Toward Pharmacist Participation in Clinical Research, S.H. Desselte, M.K. Bazil, J.M. Cheng and S. Feifer, 97S;

Systematic Approach To Clinical Research Projects for Doctor Of Pharmacy Students, I.G. Egbunike, N. Osemene, D.M. Jackson, P. Plattenburg and P. Lecca, 86S;

Teaching Entry-Level PharmD Students Research Skills in a Clinical Seminar Course, C. Ford, G. White, G. Jamison, A. Lazowick, E. Branch and E. McCorvey, 79S;

Research and Graduate Affairs

Chair Report for the Research and Graduate Affairs Committee, W. Anderson, 21S;

Residency

One School's Assessment of Its Entry-Level PharmD Graduates in Residency Programs, W.N. Kelly, 81S;

Using Abilities-Based Education to Teach Abilities-Based Education: A Teaching Program for Pharmacy Residents, T.D. Zlatic, M.T. Roth and M.S. Maddux, 101S;

Revision of a Nontraditional Pharm.D. Physical Assessment Course: A Need and a Response., Janet P. Engle, N.F. Fjortoft, K. Martin and J. Colombo, 79S;

Roster of the Voting Delegates at the 98th Annual Meeting, AACP Staff, 74S;

Rotation

Development of an Interprofessional Clinical Pharmacology/ Family Medicine Rotation, L.W. Segars, 91S;

Rural

Interdisciplinary Rural Learning: Impact on Pharmacy Students., C.W. Whitley, A.G. Greer, S.H. Lilley, Robert J. Schollard and J. Lane, 88S;

Rural CHOIS: An Interdisciplinary Geriatric Health Experience, T.P. Stratton and G.A. Cochran, 87S;

* * *

Scholarly Performance and Related Variables: A Comparison of Pharmacy Practice Faculty and Department Chairpersons, P.W. Jungnickel, 34;

Scientific/Scholarly Writing for Publication: A Course for B.S. in Pharmacy Candidates, E.H. Makela, M.K. Stamatakis and L.A. Hill, 102S;

Self-Assessment Portfolio for Clerkship Competencies, M.A. Kieser, M.E. Pitterle and B. Duerst, 90S;

Self-Directed (A) Introductory Learning Exercise on Drug and Therapeutic Information for Pharmacy-I Students Using the World Wide Web, K.W. Lem, L. F. Lucaccini and L.A. Hytrek, 93S;

Service

- Assessing Resource Center Services Through Faculty and Student Involvement, N.J. Frick, R.B. Sause and T.H. Wiser, 77S;
- Community-Based Service Learning: A Qualitative Case Study, G. D. Lamsam, M. Kropff and J. Campbell, 103S;
- Do Schools of Pharmacy Adequately Emphasize Documentation of Clinical Services? M.J. Monaghan, M.J. Monaghan and R.M. Jones, 98S;
- Pharmacy School Coordinated Campus Health Care Services, E. Ward, H.W. Matthews, K. Powell and E. Warnock, 104S;
- Sharpening Students' Patient Education Skills, S.J. Noble and J.R. Pittman, 93S;
- Shifting the Learning Paradigm: Promoting Professional Inquiry, G.P. Stoehr and M. Piantanida, 101S;

Social Science

- Case (A) Course in Social and Administrative Science Topics, D.A. Holdford and N.V. Carroll, 81S;
- Chair Report of the 1996-97 Task Force on Professional Socialization, J.M.B. Woodward, 31S;
- Social and Administrative Sciences Instructional Modules for the Delivery of Pharmaceutical Care-1997, D. Dolinsky, D. Brushwood, S. Desselle, J. Mount, K. Schafermeyer and T. Stratton, 94S;

Standardized Patients

- Standardized Patients: An Ability-Based Outcomes Assessment for the Evaluation of Clinical Skills in Traditional and Nontraditional Education, M.S. Monaghan, S.F. Gardner, E.F. Schneider, A.R. Grady and A.B. McKay, 337;
- Student Attitudes Towards the Use of Standardized Patients in a Communications Course, M.S. Monaghan, S.F. Gardner, J.K. Hastings, G.L. Reinhardt, K.R. Knoll, R.E. Vanderbush and M. Cantrell, 131;
- Using Standardized Patients to Teach Physical Assessment Skills to Pharmacists, M.S. Monaghan, R.M. Jones, E.F. Schneider, A.R. Grady, J.R. McCormack and Jay Randall, 266;

- Structurally-Based Therapeutic Evaluation: A Therapeutic and Practice Approach to Teaching Medicinal Chemistry, N.Z. Alsharif, K.A. Theesen and V.F. Roche, 55;

Students

- Active Involvement of Students in the American Health Care System, S. Poirier, 91;
- Assessment of Preferred Learning Styles, Work Style Profiles and Personality Types of External Students, P.U. Joyner, D.C. Harbour and A.W. Pittman, 77S;
- Distribution of Funds to Pharmacy Student Organizations, R. Sagraves, Q. Huynh, J. Menonparampil, H. Patel and J. Russell, 104S;
- Impact of Third-Year Pharmacy Curriculum on Student's Health-Related Quality of Life, C.A. Peterson and D.M. Scott, 82S;
- Student Assessment of a New Integrated Pharmacy Practice Course, L.C. Fuhrman Jr., T. Brady, W. Buff, D. Chavous and R. Schulz, 83S;
- Students' Attitudes Toward Pharmacist Participation in Clinical Research, S.P. Desselle, M.K. Bazil, W.M. Cheng and S. Feifer, 97S;
- Student Attitudes Towards the Use of Standardized Patients in a Communications Course, M.S. Monaghan, S.F. Gardner, J.K. Hastings, G.L. Reinhardt, K.R. Knoll, R.E. Vanderbush and M. Cantrell, 131;
- Student-Driven (A) Critical Incident Analysis of Communication Behaviors in Pharmacy Sites, E.R. Cohn, G. Stoehr, D. Egolf, J. Gareis and M. Piantanida, 98S;
- Student Evaluation of Classroom Teaching: A Study of Pharmacy Faculty Attitudes and Effects on Instructional Practices, C.W. Barnett and H.W. Matthews, 34S;

- Student Exposure to Actual Patients in the Classroom, M.A. Chisholm, C.Y. McCall, G.E. Francisco Jr. and S. Poirier, 364;

- Student Facilitated Workshop in Advanced Therapeutics, M.L. Chavez, K.A. Linowiecki and B. Radd, 79S;

- Student Involvement on College/School of Pharmacy Committees, M.K. Bazil and H.L. Kirschenbaum, 83S;

- Student Leadership Conferences: A Collaborative Approach Framework for State Associations and Colleges of Pharmacy, R.J. Chesnut, R. McDonough and J. Moulton, 98S;

- Student Participation in a Research Project During a Community Pharmacy Clerkship, J.W. M. Cheng, M.K. Bazil, S.P. Desselle and S. Feifer, 85S;

- Students Perceived Satisfaction with and Utility of Pharmacy Communications Course Work, B.C. Reisetter and P.G. Grussing, 271;

- The Student Alcohol and Drug Program at The University of Mississippi, M.M. Murawski and J.P. Juergens, 95S;

- Use of the Gordon Personal Profile Inventory of Pharmacists and Pharmacy Students, G.H. Cocolas, B. Sleath and E.C. Hanson-Divers, 257;

Survey

- Herbal Instruction in United States Pharmacy Schools, L.G. Miller and W.J. Murray, 161;
- Improving Pharmacy Practice Sites for Experiential Learning: A Baseline Pharmacy Site Evaluation Survey, P.G. Rosowski and B. Duerst, 91S;
- Survey (A) of Education and Practice Issues of Tennessee Pharmacists and Technicians, G. Farr, K. Patterson and T. Portner, 77S;
- Systematic Approach To Clinical Research Projects For Doctor Of Pharmacy Students, I.G. Egbunike, N. Osemene, D.M. Jackson, P. Plattenburg and P. Lecca, 86S;

Task Force

- Chair Report of the 1996-97 Task Force on Professional Socialization, J.M.B. Woodward, 31S;

Teachers' Topics

- Chemotherapeutic Agents. Lecture 1, Paul W. Erhardt, 192;
- Clinical Relevance of Physical Chemistry, Ian R. Tebbett, 188;
- Method (A) of Teaching the Pharmacology of ACE Inhibitors for the Treatment of Hypertension, J.E. Sprague, 170;
- Pharmacology of Parkinsonian Agents, Robert P. Soltis, 179;
- Prescription Drug Diversion: Fraudulent Tactics Utilized in the Community Pharmacy, K. Blumenschein, 184;
- Preparing Students for Future Therapies: The Development of Novel Agents to Control the Renin-Angiotensin System, M.W. Harrold, 173;

Teaching

- Assessment of Student Academic Performance in an Advanced Level Pharmacokinetics Course Taught by Three Methods of Instructional Delivery, W.E. Wade, W.J. Spruill, H.H. Cobb, III, M.A. Chisholm and G.E. Francisco, 92S;
- Case-Based Lecture versus Standard Lecture Style, L. Coulter, A. Grady, M. Granberry, K. Guerian, J. Johnson, C. Marsh, R. McCafferty, S.M. Myatt and E. Schneider, 80S;
- Current Procedures Used to Evaluate Teaching in Schools of Pharmacy, C.W. Barnett and H.C. Matthews, 84S;
- Development of Teaching Cases for Community-Based Pharmaceutical Care, H.P. Hagel, J.P. Rovers and W.E. Fassett, 102S;
- Enhancing the Transition from Classroom to Clinical Setting: A Novel Approach to Teaching Therapeutics, I.V. Mehra and C. Wallace, 92S;
- Interdisciplinary Problem-Based Small Group Teaching for Medicine, Pharmacy, Nursing and Social Work Students,

- I. Bowmer, R.M. Law, S. MacDonald, G. Burford and B. Boland, 100S;
- Intermeshing Passive and Active Learning Strategies in Teaching Biochemistry, J.C. Matthews, 388;
- New (A) Approach to Teaching Basic Science Courses: Biochemistry and Molecular Biology in the Block System of Curriculum Design, R. Coffman, M. Jafari-Fesharaki, S. Prabhu, H. Rosenberg and K. Tallian, 88S;
- Poster Presentations: An Alternative to the Traditional Classroom Lecture, K.A. Hunter, 78;
- Preparation of a Teaching Guide for Lecturing Faculty from Existing Student Evaluations of Teaching, K.W. Lem and M.E. Winter, 100S;
- Teaching Biomedical Ethics as a Writing Intensive Ability Based Course, E.S. Becker, 75S;
- Teaching Concepts Related to the Inflammatory Process by Use of Sequential Illustrations, J.T. DiPiro and E.M. Palm, 99S;
- Teaching Documentation and Reimbursement Strategies to Senior PharmD. Students Enrolled in a Community Clinical Clerkship, J.K. Hastings and G. Reinhardt, 80S;
- Teaching Entry-Level Pharm.D. Students Research Skills in a Clinical Seminar Course, C. Ford, G. White, G. Jamison, A. Lazowick, E. Branch and E. McCorvey, 79S;
- Teaching Medicinal Chemistry to Meet Pharmaceutical Care Functions, Professional Practice Skills and American Council of Pharmaceutical Education Standards, N.Z. Alsharif and V.F. Roche, 76S;
- Teaching New Areas at the University or Not, J.-M. Aiache, E. Beyssac and P. Gauthier, 199;
- Teaching of Industrial Pharmacists, H.G. Kristensen, 197;
- Teaching Pharmacokinetics Using a Student-Centered, Modified Mastery-Based Approach, C.C. Brackett and R.H. Reuning, 85S;
- Teaching Pharmacy Students to Write in the Medical Record, Theresa R. Prosser, John M. Burke and E.H. Hobson, 136;
- Ten-Year Group Analysis of Resources Used and Reasons for Entering Pharmacy School, W.B. French, S.S. Thiessen and J. Johnson, 81S;
- Term Papers
- Use (The) of Group Term Papers and Poster Presentations in Medicinal Chemistry, D.M. Nowak, 89S;
- Testing
- A Multipurpose (A) Student Orientation Testing Program, N.C. Weed, M. C. Wilson and D.J. McCaffrey, 96S;
- Testing Commitment-Trust Theory in Relationships Between Pharmacy Schools and Students, D. Holdford and S. White, 249;
- Testing Competency of Drug Information Skills via a Timed Practical, C.A. Kanafotska, 80S;
- Textbooks *
- Readability of Pharmacy Textbooks, D. Sarnoff, 87S;

- What Do Pharmaceutical Industries Expect from Universities, P.G. Kibat, 203;
- Clinical Toxicology: A Practical Patient-Oriented Approach., N.Z. Alsharif and B.J. Benson, 75S;

Use

- Use of Computer-Based Studies in a Problem-Solving Curriculum, I.S. Haworth, M.B. Bolger and S.P. Eriksen, 97;
- Use of Student-Centered, Problem-Based, Clinical Discussions to Enhance Learning in Pharmacology and Medicinal Chemistry, R.N. Herrier, T.R. Jackson and P.F. Consroe, 441;
- The Use of Student-Centered, Problem-Based, Clinical Case Studies to Enhance Learning in Pharmacology and Medicinal Chemistry, R.N. Herrier, T.R. Jackson, P. Consroe, 88S;
- The Use of Group Term Papers and Poster Presentations in Medicinal Chemistry, D.M. Nowak, 89S;
- Use of Information Technology to Stimulate Learning in Student Learning, T. Grapes, G. Strom, R. Jackson, E. Jackson and L. Ashworth, 98S;
- Use of Integrated Profile Review Exercises to Assess Competency in Pharmaceutical Care Provision, T.R. Freeman, S. Jay, K. Blumenschein and P. Piascik, 99S;
- Use of the Gordon Personal Profile Inventory of Pharmacists and Pharmacy Students, G.H. Cocolas, B. Sleath and E.C. Hanson-Divers, 257;

Using

- Using Abilities-Based Education to Teach Abilities-Based Education: A Teaching Program for Pharmacy Residents, T.D. Zlatic, M.T. Roth and M.S. Maddux, 101S;
- Using Standardized Patients to Teach Physical Assessment Skills to Pharmacists, M.S. Monaghan, R.M. Jones, E.F. Schneider, A.R. Grady, J.R. McCormack and Jay Randall, 266;
- Using Student Focus Groups as One Method of Ensuring Quality Control in a Curriculum, S.P. Desselle et al, 106S;
- Utilization of an Evaluation Form to Assess Patient Counseling Skills: Comparison of Peer Assessment with Instructor Assessment, M. Sidhom and D.R. Taft, 78S;

- Web (A) Page Template for Pharmacies, E. Bieber, J. McGinty, N. Hilliard and C. Compadre, 97S;

What

- What Do Pharmaceutical Industries Expect from Universities, P.G. Kibat, 203;
- What Pharmacy Managers Believe They Need: A Different Strategy for the Provision of Business-Related Continuing Professional Education, D.J. McCaffrey III, J.P. Bentley, B.F. Banahan III, D.D. Garner and K.E. Ladner, 77S;
- Who Are Our "Customers" for Post-BS Professional Educational Program?, S. Madhavan, M. M. Amonkar, S.A. Rosenbluth, G.R. Spratto, R. Taft, D.P. Elliott, K. Jozefczyk, G.W. Leader, D.B. Lucas, L.J. Moherman, E.J. Scharman, V. Scott and R. Watkins, 108S;

Writing

- NU-traceuticals: Authoring Articles in a Professional Journal as a Mechanism for Developing Writing Skills and Professionalism in Pharmacy Students, W.J. Murray, 100S;
- Peer-Learning and Enhancement of Writing Skills in a Large Class, K.A. Alkadhi and J.E. Szilagyi, 84S;
- Teaching Pharmacy Students to Write in the Medical Record, Theresa R. Prosser, John M. Burke and E.H. Hobson, 136;
- Writing (A) Proficiency Examination for Pharmacy Students, C. Parkhurst, 163;